ERICAN RAILROAD JOURNA

STEAM NAVIGATION, COMMERCE, MINING, MANUFACTURES.

HENRY V. POOR, Editor.

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AMERICAN RAILROAD JOURNAL.

PURLISHED AT 54 WALL STREET, NEW YORK.

Saturday, February 3, 1849.

RAILROAD IRON.

THE Undersigned are prepared to Contract for the delivery of ENGLISH RAILROAD IRON, of favorite brands, during the Spring. They also receive orders for the importation of Pig, Bar, also receive data Sheet, etc., Iron. THOMAS B. SANDS & Co. 22 South William-Street. New Yor

Feb. 3tf.

New York.

dered, to those who have so generously, and so promptly, responded to my circulars, both of a personal, and a business character. Their answers are period. Pertland is rapidly growing in importance of the kind which are both useful and gratifying as a commercial port. The reitrand is the control of the reitrand in the came MY THANKS AND GRATITUDE are due, and ten-

plated, and therefore must again request them to remit without delay. D. K. MINOR.

Hereafter the Journal will be issued promptly on the day of publication. The change of locacation and proprietorship will account for any recent delays.

The receipts of the Providence and Worcester railroad for the year 1848 were \$193,844 42, and cluded this week. Among others, one on the The Progress \$83,889 71; showing the net earnings Progress and Prospects of Boston, her Public Spirit to be \$109,954 71. The cost of the road was \$1,873, and Success; and another on the "Progress of Railand Success; and another on the " Progress of Rail-

To Railroad Companies and others.

We propose to enlarge our paper by increasing the number of pages. We hope to advertise the running of every railroad in the country and Canada, also the sailing of packets and steam vessels .-By this means the Journal will be a full travelling directory for the Union. In that case we shall issue quarterly an extra, giving tables of distances and fare on each line, and a railroad map. A copy of this extra we will then place in every depot and station in the country. The plan, so far, meets universal favor.

the Herald of last week, and beg leave to endorse its statement.

Maine, during the past year, compared with the year previous, has been very great, being more than one hundred and fifty per cent, as will be seen by the annexed statement :-

COMMERCE OF PORTLAND, MAINE-VALUE OF IMPORTS

1847....\$228,663 00 1848.... 616,045 00

Incr. 1848 387,382 00 44,480 99 of the kind which are both useful and gratifying and will not be forgotten.

To those from whom replies have not yet been received to calls for balances due, I must say that their delay may defer my departure longer than I contemplated and those for my defer my departure longer than I contemplated and those for my design and most accessible harbors on the Atlantic coast, and most accessible harbors on the Atlan we see no reason why it should not become a place of great importance."

"It is all enoing to the railroad," is the common

expression of all the people of that beautiful city. No place in the country has made more actual progress in the last two years.

and Success; and another on the "Progress of Railways," showing the opening of new roads in 1848;
and several commercial articles of great interest.

This shows the necessity of a Journal devoted to
this great interest. Our future numbers will embrace a greater variety of items of local interest,

detached from the ears by the concussion, and ran over half a mile, when the fireman succeeded in stopping it by means of the brakes. The escape of the fireman was most miraculous, as the forward, part of the engine, where he was standing, was com-pletely destroyed, pieces of the boiler being thrown a great distance.

a, also the sailing of packets and steam vessels.—
By this means the Journal will be a full travelling irectory for the Union. In that case we shall issue warterly an extra, giving tables of distances and are on each line, and a railroad map. A copy of his extra we will then place in every depot and station in the country. The plan, so far, meets universal favor.

Portland, Maine.

We cut the following from the money article of the Herald of last week, and beg leave to endorse is statement.

"The increase in the foreign trade of Portland, daine, during the past year, compared with the ear previous, has been very great, being more than the hundred and fifty per cent, as will be seen by the annexed statement:—

Mase. Imported. Duties collected. Goods ware.

1848.... \$228,663 00 109,229 00 191,610 35 488.... \$166,045 00 153,710 90 475,266 32

Doings of Railroad Companies.

The St. Lawrence and Atlantic Railroad held its annual meeting at Montreal on the 17th of January last. The Report of the Directors has been received by us only through the papers. It gives a very satisfactory account of the doings of the past year. Thirty miles of road have been put in operation the past season, extending from Langeuil to St. Hyacinthe, the line of the road for 100 miles definitely located, and the whole distance to the boundary surveyed, making the entire distance 127 miles. The 30 miles cost about \$700,000, and the whole line is estimated to cost about \$3,100,000, agreeing with the original estimate of A. C. Morton, Esq., while acting as Chief Engineer of the whole line to Portland, The whole distance from Portland to Montreal is about 275 miles-68 miles of which was opened in 1848.

Three Directors annually retire by rotation. John Torrance, J. Young, T. A. Stayner, were chosen Directors in course, and Alfred road project, is what we are to discuss.

Larocque to fill a vacancy. Messrs. Young "The Montreal and Portland railroad is and Stayner were in the old Board. The Directors express great confidence in the new undertaking.

The Great Western Railway of Canada. -We had the pleasure of meeting in New York the present week, two gentlemen connected with this road, Mr. TIFFANY, chairman of the company, and Mr. Wilson, its agent, both of Hamilton. We learn that this company is an applicant to the Canadian Parlia und Portland railroad is to be built, the next meut for aid. The Great Western and the question that arises is, how are we to connect Portland and Montreal railways are regard. What has been the intention is lost ed as the two ends of a trunk line for Canada, to be connected at Hamilton on the northern shore of the St. Lawrence. The Portland road is regarded as having claims to immediate assistance from the amount already expended by individual enterprise, and the application of the Great Western road proceeds upon the idea of a pro rata grant upon the sums to be hereafter actually expended from individual subscription.

Boston, Concord and Montreal Raiload .-An act was passed at the recent session of the treal railroad from its northern terminus to the town of Lancaster, there to connect with the Portland and Montreal railroad .-This indicates a change of opinion in that State, and we find in a recent number of the Belknap Gazette, published at Meredith, an editorial article, from which we give extracts, not for the purpose of joining either side in any discussion that may come up, but simply to give a full view of passing events in connection with railways.

"It was originally designed that the connection of this road, with the great railroad from Montreal to Portland, should be by way of the Passumpsic river and Stanstead. This arrangement, or understanding was entered into, not because it was the best or only route that could be adopted, but mainly because at that time it seemed to be a practicable arrange ment. Other routes, or other arrangements, had not then been considered.

"The Passumpsic interest deserted their first love in the early history of the enterprise They went over to what to them seemed their interest required; and they did this at a time when its effects upon the Montreal road were calculated to be most crippling—they did it at a time and in a manner that would have been disastrous, perfectly overwhelming, to any corporation, or any interest, not possess ing intuitive perceptions as to its future and final destiny. Their betrayal was severely felt at the time, but the feeling will be the other way, bye and bye. But it is not our intention to stir up old matters. The future prospects of the people of this part of New but with firmness of purpose, and persever-just commenced. Though far behind Eng-Hampshire, in regard to their favorite rail-ling energy. When it is completed the ex-land in the number of our Ocean Steam-

in progress. A portion of the route at each end has been completed, and they are both now in operation. The Canadian Parliament is undoubtedly favorably inclined to

The Northern Railroad in New York the project; and it is understood will aid in The city of Portland has its construction. lent its aid to the amount of a million of dollars to the construction of their part of the road. All idea of the failure of the enterprise must have passed away

It being then understood that the Montreal sight of in the inquiry, what is now the ex-

pectation?

"We commenced this article by alluding to the recent legislation upon this subject in this State. The charter of the Boston, Concord, and Montreal railroad extended originally to the north line of Littleton. Charters quently elected president. were granted at the last session of the Legislature connecting the Montreal with the St. Lawrence road at Lancaster, either by way of the Amonosuc valley or the Connecticut, as shall be found best. In granting the din the Hartford and Willimatic road, now charter to the Atlantic and St. Lawrence railroad, in and through this State, the right

"The Boston, Coucord, and Montreal railroad, it is now conceded, has the ability and the will to complete its road to the mouth of people in that region are wide awake upon the subject, and are determined to put the

will do it.

"The grades upon this route are most fa vorable, the line is short, the people are wide awake, and why should the project not go forward? It was originally designed to be treal, and it must be so. . The slight change Boston for \$5 00. of line from the valley of the Passumpsic to the Connecticut is of little consequence on the great scale, but it will be important to the interests of the Montreal, in this State-it brings the whole matter under New Hampshire control-it shortens the distance, lightens the grades, and relieves us from the necessity of waiting for a branch to be con-structed from Sherbrook to Stanstead, and also the road up the Passumpsic river. New Hampshire has a great interest at stake in amount of their tonnage, including those up-the progress of this work—she understands on the great lakes and western rivers it is not herself, and will profit by it.

"There seems now to be nothing in the way, but to urge forward the undertaking with all commendable zeal. Let our road be pushed along as it has been, cautiously,

tension of it will have so far progressed as to be ready to form the grand junction, and

The Northern Railroad in New York (Ogdensburgh,) has renewed their application to the Legislature of New York, for the

held their annual meeting in Boston, last week, and the following gentlemen elected directors for the year ensuing. Erastus Hopkins, of Northampton, H. W. Clapp, of Oreenfield, James K. Mills, Samuel Henshaw, E. H. Robbins, Lemuel Pope, N. H. Emmons and Geo. B. Blake of Boston, and Junius S. Morgan of Hartford.

H. W. Clapp, of Greenfield, was subse-

Railroad from Hartford to Plainfield .-A correspondent of the New Haven Regis-

to connect with it was reserved, so that the arrangements, have caused a survey to be Legislature of New Hampshire extending chain by charter is now complete by this made from this city to Bsistol, a distance of the charter of the Boston, Concord and Mon-route, from Boston to Montreal. Charters 17 miles; and last evening, a meeting of are one thing, it is true, and the building of those interested was called, and it was unanthe roads are another thing. The one is imously resolved to extend the Willimantic secured in this case-the other is in pro-road through Hartford and Bristol, intersecting the canal road at Plainville; thus giving our people a chance to go through to New York by land. The whole expense of the road, from the city to Bristol, is not to exceed the Amonoosuc river. Thirty-six miles from \$250,000, and the stock is already taken, and that point will connect this road with the it will be in operation at the same time as great line from Montreal to Portland. The the Willimantic road on the first of Nov.

> The Hartford and New Naven, und the road through. They have the ability, and New York and New Haven Railroad Companies, have made no arrangements for a connection of the two lines. For the present, they run their trains so as to accommodate travellers who choose to be carried across the the great inland route from Boston to Mon- city, and ticket through from New York to

> > Ocean Steam Navigation.

The public are not generally aware of the rapid extension, within a year or two past, of the Ocean Steam Navigation interest in this country. For a long time past, every year has witnessed a great increase of steamboats for the ordinary river, lake and coastwise routes. The number of these boats, or the very easy to ascertain; and we have not at hand, for this number, the materials from which to give a satisfactory statement.-But a new branch of adventure is now

ers, we are rapidly gaining upon her in Crry, for the same line to be of about 1800 theman who has charge of their building, the aggregate amount of tonnage, em-tons. bracing all the various descriptions of merchant vessels. The rapid increase of ocean the steamer FALCON, of 1000 tons, in comsteamers in the last eighteen months, augers mand of Capt. Thompson, built by the par-tons each, and built in the same manner. in this branch of our commerce.

commercial sagacity and energy which has United States Mail Steamship Company. always characterised them, are now pushing this great branch of the marine service-Ocean Steam navigation-with a vigor little tons, and the Georgia, 2750 tons. The hull are each 290 feet in length, 46 feet in breadth, dreamed of, in other parts of the country.-All other ship building is literally being drisels of this description. It is a marvel to the people of other lands, that individual enterprise can accomplish such wonders. We have taken pains to gather a few facts on this Savannah Packets has the CHEROKEE, Capt. expense. They are intended to test the pracsubject for this number of the Journal, in the Lyon, of 1200 tons, and the TENNESSEE, of tical skill and ability of American mechanics. assurance that nothing we could furnish could be of more interest to our readers.

Spofford & Tileston's Line of New York and Charleston Packets were first in point of time, consisting of the Southerner, Capt. Line, under the management of Howland New York is not only the commercial Berry, of 1,000 tons, and the Northerner, Capt. Budd, of 1100 tons. The Hulls 1050 tons, Capt. Forbes, master; the Pana. in commercial superiority more rapidly than were built by W. H. Brown, the engines at MA, Capt. Stout, of 1087 tons; the OREGON, the average growth of the commerce of the the Novelty Works, by Stillman, Allen, & Capt. Pearson, of 1099 tons; they are to country. The following shows the relative Co.

this line, between Charleston and Havana, W. Webb, the engines for the California and each year: the steamer Isabel, of 1100 tons, Capt. Rol- the Oregon built by Stillman, Allen and Co., New York ... 468,593

The Ocean Steam Navigation Company, put affoat in the latter part of 1847, the sea going steamers for the Eastern waters. Maine was 466,711. The following list Johnson, of 1750 tons, and the Hermann, of by Lawrence & Sweden; and the Senator, of the seven leading commercial cities of the now regular mail steamers, between this city W. H. Brown, the engines by H. R. Dun- 1848 are not yet published; they will show and Southampton and Bremen. The hulls of ham & Co. The Senator is going to San a great comparative increase of tonnage these vessels were built by Westervelt & Francisco, having been recently purchased owned in New York. Mackay, the engines at the Novelty Works, for this purpose; Woodhull & Minturn agents, by Messrs. Stillman, Allen & Co. The same She is a favorite boat wherever known. parties are now building the FRANKLIN, of 2200 tons, for the same line.

sea in 1848, the United States, of 2,000 tons, corporate name of " The United States Mail traordinary success so far.

by W. H. Brown, the engines by T. F. Se- Neither time nor space allow of our giving The British ocean steamers are so officercor, & Co. The same parties are now en- an account of the excitement at their launch- ed and manned that they are capable of be-

M. O. Robert's Line to Chagres, now has the steamer Telegraph on the occasion.

man, Allen & Co.

The Pacific Mail Steamship Company in all, as soon as the same can be constructed.

James Cnnningham, of Boston, built two

Jas. Brown, E. K. Collins, E. Riggs, & W. S. Wetmore have given notice of their Charles H. Marshall, and associates, put to intention to apply for a charter under the manded by Capt. Hackstaff, and has had ex- Pacific, both of which were launched on river service. Thursday, the present week. The hull of In 1814 there was a solitary steam vessel Capt. Stoddard commander. The hull built Jacob Bell, the engines at the Allaire Works. year. gaged on a steamer to be called the EMPIRE ing. E. K. Collins, the accomplished gen- ing connected to warlike uses at once, serving

gave his friends a cordial welcome on board

These boats are of the same size, 3000 well for future success in rivalling England ties last named. She is now in the naval ser. They are smaller than the iron steamship vice between New York and Chagres, touch- Great Britain; but with that exception, the The merchants of New York, with that ing at the West Indias, she belongs to the largest vessels affoat. For strength of material, elegance of finish, and convenient ar-Geo. Law's Line between New York and rangement, they are intended to surpass every New Orleans is to consist of the Onto, 2500 thing known in the shape of vessels. They of the Ohio, built by Bishop & Simonson, the and 32 feet in depth of hold. Each boat will engines by T. F. Secor, & Co. The hull of be worked with two engines, with 95 inch ven from the city, from the demand for ves- the Georgia, built by Smith & Dimon, the cylinders, and 2 feet stroke-having wrought engines by T. F. Secor, & Co. One is to be iron wheels 35 feet in diameter. These boats ready to sail in May, the other in July next, will cost from \$500,000 to \$700,000 each, S. L. Mitchell's Line of New York and and are to be finished without reference to the same size, still unfinished. The hulls No one doubts their entire success. It is built by W H. Webb, the engines by Still- understood that the same parties intend to place three new boats in the line, making five

and Aspinwall, consists of the California, emporium of the Union, but she is gaining run between Panama and San Francisco .- increase in the tonnage of the four great There is also running, in connection with The hulls of these ships were bnilt by W. shipping states, made up to the 30th of June

588.576 lins, built at Baltimore, and a fine specimen the engine of the Panama was built at the Massachusetts, 526,364 501,207 541,520 577,310 of naval architecture.

Allaire Works.

Allaire Works

On the 31st of Dec., 1847, the tonnage of Washington, under the command of Capt. The Admiral, of 700 tons, was built in 1847, shows the comparative amount of tonnage 1850 tons, under command of Capt. Crabtree, of 900 tons, built in 1848, the hull built by Union, June 30, 1847. The returns for

New York	 	*****	646,043
Boston			
New Orleans.			
Philadelphia.	 		152,616
New Bedford	 	*****	119,827
Baltimore	 	****	100,455
Portland	 		74,046

The English parliamentary returns of running as a packet to Havre. The hull was " Steamers Co., New York and Liverpool shipping show a most extraordinary inbuilt by Wm. H. Webb, the engines by T. "Line," with a capital of \$2,500,000. These crease of steam vessels, including the various F. Secor, & Co. The United States is com- parties are building the Atlantic and the descriptions, for ocean, coastwise, channel, or

Howard's New Orleans Line, in which the Atlantic built by W. H. Brown, the en- in the United Kingdom; in 1826 they had Charles Morgan and Isaac Newton, are in- gines by Stillman, Allen, & Co., of the No- increased to 230; in 1836, to 561; and in terested, has the Crescent City, of 1500 tons, velty Works. The hull of the Pacific by 1846, to 963; averaging a larger size each

the double purpose of a commercial and warlike marine, at the same time connecting by means of their mail service connecting her with every portien of the globe. Ocean steam vessels, are the reliance of England, in her efforts at maintaining her supremacy of the sea.

Our government will gradually abandon the construction of the old fashioned sailing ships of war, and adopt the far more valua- and Ohio. ble forms of steam ships, ensuring thereby greater efficiency and despatch in the naval service-improving with our commercial intercourse with every quarter of the globe.

Commercial.

IRON.

The following statement of the selling price of Merchant Bar Iron, in Liverpool, has been prepared with very great care, and shows some of the most remarkable facts in the history of trade.

On the introduction of railways into general use railway bars, at first, commanded a price varying from £1 10s. to £2 per ton. During a few past years ordinary rails have been furnished at a shade only below the quotation price of merchant bar.

		er u		Section 1	ADJUST TO SERVED	er ton.	
1817-	-February	£8	10	1836-	-December		
	March				-February,	10 5	
	July			Sieles	March	9 15	
	August			201563	May	9 0	
	October	13	0	11.5	Jane	8 10	
1818-	-February	12	15		July	7 5	
	April	11	15		August	6.15	
	May	11	5		Do 15th	7 5	ĺ
	June		1000		Do 19th		ı
	August	10	0	1. 100	Do. 31st	8 15	ı
			10			00.500.000000	l
1364	September			Keren	Sept	9 10	l
7010	December	12	10		December	9 15	l
1819-	-May	11	10	1838-	CONTRACTOR OF THE PARTY OF THE	9 10	l
	June	11	0		December	9 15	ı
1820-	-March	10	10	1839-	-January .	10 5	ı
20,000	June	9	10	40.00	May	10 0	l
1821-	-Do	0.00	0	CE 125	June	9 15	ı
	-Do		10		Sept	9 10	l
1823-		8	0	1040		The second second	ı
	-Do	40.00		1840-	January	9 0	ı
1024-	-January		15	1044	December	8 0	ı
rot in	July	9	15		-April	7 15	ł
	September	10	0	1842-	-January	6 10	l
ALCEN	October	11	0		December	5 5	l
445	Do	13	10	1843-	-April	5 0	l
	Do	10	0		June	4 10	
1000	November	12	10	1844-	-January	4 15	
	December	13	0	25907	March	4 15	
1895	-January	14	0		April	5 5	
10.00	February	15	0		August	5 15	
		1 To 100	10				
	March	14	-	2.140	October		
455	April	14	0	-045	December	5 15	
	August	13	0	1845-	-February,	8 0	
	Do	12	10		March		l
	September	11	10	Section 2	April	9 10	l
1826-	-January	11	0		Muy	9 10	ł
d Towns	April	10	10		July	8 10	l
	May	9	10	1846-	-April	9 0	l
St. 33	October	10	0		August.	9 0	ł
1007	-March		10				
			0	1047	Nov		ı
	-Do	8	11 TEST 91	104/-	-January	10 10	ı
1829-	-Do	7	0		April	9 10	
1830-	-Do	6	0		July	9 15	ı
1831-	-Do	6	0		August	976	ı
1832-	-Do	5	10		December	8 5	ı
	-February	6	5	1848-		8 0	
10000	September .	7	0	331 46	Do. 28th	7. 0	١
長、割れる	October	7	10	33.3	Feb. 25th.	7 15	I
	November	66 S S S S S S S S	0	ALL FOR	March	7 0	
11/17/18		8	5				
1000	December	-		A SERON	April		
1990-	-January	10	10		May	6 5	
TE WASTE	April		10		June	6 0	
64 73	July	11	5	E AND AND	October	5 10	
	October	110	0		Nov	5 5	

Advancing Backwards We find the following item in the tribune of this

Pass'gr Vehicles

State carriage ...

Composite Second-class ...

3d class (closed).

do. (open) Post-offices . . .

Horse boxes.... Carriage trücks. Parcel vans..... Guard vans....

Bullion vans.... Post-office tenders

Luggage vans.
Parcel carts...
Milk trucks...

Brake wagons,... Convict Carriage Truck

Mails ..

No. No.

38

... 5

16 25 178

52 43 3

136

13 42

6

842 601 183 1626

380 120

160

1 160

morning:—
"The bill for the Repeal of the Charter of the Erie and Ohio Railroad Company (passed at the last session) was passed by the Pennsylvania House of Representatives yesterday. It had previously passed the Senate."

and is labor in vain, as there must, and will, be a 1st class 6 wheels. connection between all the great lines of railroad, and especially between New York, Pennsylvania,

Railway Accounts,

Mode of Presenting them for Moving Stock.

We complete in this number, the report of Captain Huish to the Northwestern railway company. We will also give in our next, the remarks of the editor of the Chronicle, differing with the Captain, on the same subject.

" It would make this too voluminous to insert the "It would make this too voluminous to insert the whole of their reports; an analysis and average only is given, and reference is made to the documents which, in their collective form, can be examined by any director who may wish to look at them. I am not prepared to say that, even now, we have been enabled to gather together the whole of the company's property, but the following is certain, and it is evident that any omission goes to improve the aggregate present value:—

Statement showing quantity and estimated actual value for sale of articles included in amount charged to capital for "Working Stock of 1,462,9011. December 31, 1847. Engines.	it is evident that a	my o	missi	on g	oes to im	prove the	Works in progress	£.	£.	£.		1	No.
Engines	Statement showing ue for sale of art capital for "Wo	quan icles	inclu	ted in	a amount	charged to	& store in hand, charged and ac- tually paid for Lamps, Tackles, couples, & other	3 45	5475	1200		80.0	1055
No. No. No. No. No. 109 180 1499 10 269,900 134 199 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,879 1321 0 269,900 1321 0 269,879 1321 0 269,		ls.	gers	1.	Va	lue.	ture-						386
South'rn division	Engines.	Good	Passen	Tota	gine	Total.	Manchester and						711
South'rn division		No.	No	No			Total for	carri	age a	ccou	nt .	£	335,425
lasting, &c. S. Division. 12 750 0 9,000	North'rn division	71	109	180	1499 10	269,900						ter &	ALC:
lasting, &c., S. Division 12 750 0 9,000	Birmingham Engines condemn ed, and used in	8	25	33	1400 0	46,200	Goods' Vehicles		Southerr	Norther	OTGLA	Manches Birming	Total.
Engines sold, less received for six —deducted fr'm capital account to Dec 31, 1847			33	10	250 0	10.000		-		N		-	
Capital account to Dec 31, 1847	Engines sold, less received for six	.e.		12	750 0	9,000	6 ton large Goo Wagons	. 5	831	10	0	29)	2745
Works in Progress: 439	capital account			15		6,775	31 " small do. Cattle wagons	***	382	107	7	542 30	2129 495 653
Sheep vans 17				439		101.01.6	Timber trucks		12 53				12 77
North'rn division (Crewe) 1913 2877 1446 623 1446	partment—	100			Brown	2 010	Sheep vans Powder magazines	•••	-				117
Ditto (L & M) Tenders No. Tenders No. Price. 187 250 0 46,750 191 274 0 191	North'rn division		3.00	F 4	97410 0		Iron troneys	-	1913	-	-	-	6236
No. Price 187 250 0 46,750 191 274 0 52,334 191 274 0 52,334 191 274 0 191 274 191 2	Ditto (L & M)	136.725	M. C. Silver		5484 (V	iz.:-				1	The second
Manchester and Birmingham. Tools, moveable machinery, &c., in engine shope—South'rn division North'rn division Manchester and Birmingham. 31,800 31,800 33,800 33,800 31,800 Manchester & Birmingham 100 5 0 500	South'rn division North'rn division		11,763256	187	250 0		Sout'rn div., 1913,	at 72 7, at	l 10s. 4	ach		16	8692 10 1112 0
Crib Rails. Sets £. s. Northern Division 154 5 10 10 5 0 10 1				21	300 0	SERVICE SERVICE						6	0009
Southern Division	Tools, movea- ble machine-					3,300							842 0
North'rn division Manchester and Birmingham. Amount advanced to Sharp, Brothers, on account of unde- No. 23,687 Goods' Sheets. No. 23,687 Goods' Sheets. No. 1520 S. Div. Camden 1520 Int. Station 378 North 1400 Gentral, 706 1588			200	17th	16 20	100	Southern Division					1000	WE WALL A
Manchester and Birmingham. 3,119 S. Div. Camden 1520 3800 3800 1520 378 756 1400 4100 Gentral, 706 1588					7			mug	adm	100	10	_	300 0
Amount advan- ced to Sharp, Brothers, on ac- count of unde- S. Div. Caniden 1520 3800	Manchester and	1	1	122	1.49.		Goods' Sheets.	and.	No.				16/20
count of unde-	Amount advan- ced to Sharp,		10	S LESS	ori i di	3,119	S. Div. Int, State		378	7	66		10 (10°)
nvered engines		6 CS	0.725	2015	de upro	5,000	Manchester & Birr		706	158	38		1994 0

Machinery and Stores. Paid for (including last valuation less 10 per cent. Southern Division	ALL DA	1583 4508	0
Moveable machinery, &c.,and wagon chains, couples and lamps, used in working goods' traffic. (Wagon chains, hooks,and			80
S. Div. shackles	Wing.	3367	8
Other items (estimate	2.00	2500	0
Northern Div. "	1201	2500	0
Manchester and Birmingham	7.17	1000	0
Horses	157	3855	0
Total for goods 'account	£3	96,967	18

" 335,425 0 0 " 396,967 18 0 Total.....£1,535640 18 0

No account is here taken of screws, jacks, levers, and other engine furniture—of stationary engines 3,220%, included in last valuation—or of stores (other than wheels) paid for in carriage department of southern division.

of southern division.

The present total cost to the 31st December, 1847, of working stock, as standing in the books against the company, is 1,462,901l. It follows, therefore, that the present market value of the whole is 72,739 more than the original cost—the market value of each article being less than formerly, and the effective value greater, and both combining to prove that the above is far short of the full real improvement

of the stock.

Nor will this result surprise, when the following facts are taken into consideration:—

The amount written off the Southern division, for depreciation up to the 30th of June, 1846, was—

Locomotive £91,054 10 1

Carriages and wagons 143,911 9 11

On Grand Junction section there was on the 30th of December, 1847, the item under consideration was written off the amalgamated stock

319,474 15 10 To which must be added the price of 37 new engines and tenders, added to the stock of the Grand Junction

tion company for new lines, say .. 45,000 @ 0

66,600 0 0

being the amount by which the capital has been

practically reduced in a very few years.*

The excess value of the stock thus ceases to be a matter of astonishment, and a question arises, whether, in order to correct the account, the amount of capital ought not fairly to be increased, not merely by such excess, but by the real value of the im-provement. This leads us to the remaining point tor consideration—viz., the relative position of other

A large amount should be added to this for nev carriages and wagons charged to revenue, besides the stock added by the Liverpool and Manchester company previous to amalgamation; but I have not had time to obtain a correct return of them.

the stock added by the Liverpool and Manchester cuiated as it 159 miles double line. Company previous to amalgamation; but I have not had time to obtain a correct return of them.

Note.—I may here mention also, that me total current charge for locomotive power, since the various lines now consolidated as the London and North-Western, were opened, and charged in the half-yearly statements, is 1,971,843%. From the best returns I can obtain, it appears that the expense of various lines now consolidated as the London and North-Western were opened, and charged in the half-yearly statements, is 1,971,8432. From the best returns I can obtain, it appears that the expense of repairs is from 25 to 30 per cent. of this amount.—Thus a sum approaching 600,000k. has been expended in repairs on a stock costing less than 700,000k; in other words, the whole has been nearly renewed out of revenue, exclusive of allowance for depresistion.

and com- sent on a capital of each minion. Polancy

No satisfactory rule has yet been laid down to determine the proportion which the moving stock of a concern should bear to the mileage and the re-

of a concern should bear to the large ceipts.

It is an interesting question, and worth a very careful inquiry. Time does not now permit my investigating it minutely, but the practice of other companies will be some guide. Mr. Hudson, at the last meeting of the Midland company, stated, that with the ordinary traffic of a trunk railway, 3000! a mile might be assumed as a very moderate allowance for stocking a line. The following table is prepared from information derived, in most cases, direct from the companies:—

London and North-Western London and South-Western Great Western Midland London, Brigbion, and South Coast, Lancashire and Yorkshire Edinburgh and Glasgow	Name of Railway
5551 1188 2481 417 1421 201	mileage worked
£. 382576 61788 119496 218460 20071 100502 31781	Amount of goods' traffic last half-year.
£. 652392 184625 360737 327120 192742 94545 59033	Amount of pass- senger traffic last half- year.
9 £. 1130129 246013 521040 586034 234881 195408 90814	Total earnings last half-year.
1462900 446762 820873 1387710 462922 655989 241000	working stock as charged in last report to share holders.
9639 9839 3299 3254 3254	
130 189 159 159 237 193 336 265	Or per cent, or earnigs.
2384288	Per pound of lass year's earn- ings.
4547 4547 461	Amoun per mile required if mile age earnings equalled those of London and North-Western Company.

† The working stock of the London and North-Westerd company included plant for the Chester and Holyhead line, 60 miles of which has since been opened, bringing down the mileage to 2,3762.
† Includes single line from Redbridge, on Southampton and Dorchester line.

ampton and Dorchester line.

§ Earnings of lines proper, only. Mileage calculated as if 159 miles double line.

of capital, a supposition which cannot be entertained, or (which I take to be the real solution of the question) that the London and North-Western company are undercharged for stock, by having, at various times and in different ways, deducted too large an amount, at the expense of their revenue, and, consequently, of the dividend of their proprie-

and, consequently, or the distributions.

The following table will show the progressive increase of the charge for stock for the London and North-Western railway, and the mileage, since 1840. Statement showing total amount charged to Capital and rate per mile for "Working Stock," from December 31, 1840, to December 31, 1847, inclusive, by the companies now amalgamated as London and North-Western.

Year.	Total Charge.	Total Mileage worked.	pr mle.
1840	£602,999 0 0	2331	£2579
1841	628,700 8 11	2604	2411
1842	685,916 12 4	2601	2630
1843	687,546 16 1	2854	2406
1844	708,959 16 8	2851	2481
1845	805,691 12 7	3031	2654
1846	1,135,987 11 7	5024	2491
1847	1,462,900 3 8	5551	2632
1848	Opening of Chester)	6154	2376

In considering this table, it must be remembered that not only is the accommodation given much greater than formerly, but that, in consequence of the heavy reductions in charge, both of passengers and goods, a much larger service has to be performed to produce the same return as heretofore. Thus, in 1840, three merchandise trains each way daily was sufficient on the London and Birmingham; now there are 15; yet the mileage stock is less!

I had prepared further statistical proof of this position; but this report has already become so long that I forbear to enter upon it. Sould the Board desire it, the subject can be further analysed. I must beg leave to add one more table, also derived from authentic sources, showing the stock of wagons used by the various leading companies. I submit

ed by the various leading companies. I submit this, because remarks have occasionally been made as the large number possessed by the London and Northwestern company.

Statement showing comparative Stock of Wagons and other Vchicles used for Mercandise and Mineral traffic, belonging to the following companies, on the 31st December, 1847.

trong a latter of the said	ds'	tle ons.	l ns.	el-	Tota	al.
Lines.	Goo	Cat	Coal wagons.	Misc	u sitir	mile
plica bas seeld	No.	No.	No.	No.	No.	Per
Lon. & N. western. Midland Eastern Counties Great Western York & N. Midland		300 639	2500	70 30	6207 6400 2295 922 1721	
York, Newcastle & Berwick Edinburgh & Glas	1991	1755	9798	15	11788	74
Lancaster & York			1	SEDE	3000	15

The Great Western wagons are of twice the capacity of those on the narrow gauge, and their mer-chandise traffic is one-third of the London and Northwestern company's.

The Midland coal wagons can be used for goods

First, then, it appears to me that a desire fully to maintain the working stock has led the directors into opposite extreme; and that a portion of the fair greater than orsever dreame time, applied towards extinguishing the capital of the concern, instead of being divided among the proprietors, or being carried to the reserve fund for the maintenance of the future dividend.

Secondly, that a depreciation fund, or allowance, although it may have been to some extent prudent streets are in except and the properties.

Secondly, that a depreciation fund, or allowance, although it may have been to some extent prudent in the earlier period of the concern, is no longer required; but that with the large establishments of the company, there is full capacity for maintaining the efficiency of the plant.

Thirdly, that the condition of the company's stock is highly satisfactory, and contrasts very favorably with that of any other company.

Fourthly, that adopting the general practice of railway companies, the working stock of the London and Northwestern, reduced by repeated credits to £1,462,901 or 2,632. per [mile, ought, at only 3,000. a mile, to stand at 1,845,000., or 382,099. more; but that as the earnings per mile are larger than those of any of the companies named, a still greater allowance might in farmess be made.*

Fifthly, that the market value of the working stock is 72,739. more than it stands in the books to have cost the company; and that taking the effective values.

cost the company; and that taking the effective value as only 10 per cent. more than the original cost

200,000. more than was paid for it.

Sixthly, that, in strict justice, the difference between the first cost and the present real value belongs to the existing proprietors, and might be available for division or transfer to a reserve fund; and

Lastly, that though this may be deemed unadvis-able, there was at least no reason whatever for set ting aside, out of the profits of the last half year, the sum of 30,462., and that it fairly belonged, and should be re-transfered, to the credit of the surplus

I remain, Gentlemen, your faithful servant. MARK HUISH.

Advantages of Railway Villages to Railway Companies. A writer in England upon this subject says, of the future value of railway property-

"So long as the present law exists, this state of things will continue-the law which prohibits railway owners from holding property to benefit the railway indirectly. private company may purchase land and make a road through it, and build houses on each side of the road. Why should a railway company be debarred from acquiring land by purchase on their borders and build ing houses and streets thereon? The value of a street is estimated by the value of the buildings and property on each side; and the value of the railway would be increased in the same way, when once the railway pro prietors were permitted to become owners of buildings. The railway itself would be a secondary consideration, and cheap fares and numerous trains would be an infallible result. Railway companies would soon lay out farms and build factories, and let out power and supply water and gas and manure.

owners and the land proprietors shall be one and the same. Inferior land, bordering on a railway, is far more valuable than the richest essence of all free trade being free transit. at a distance. Given the rails, all else can valuable as a means of access to the property along their borders, than as communications between distant towns.

" National prosperity, as well as individual interest, is mainly concerned in the early solution of this problem. And if the railway interest be not thus bonded with national progress, the result will infallibly be a short-

progress.

in such case, be better worth their 250l than ever they were yet. The mile lineal would come to represent the mile square; the toll the amount of the natural obligations, by trustees would rise into the landed proprietor; the long-stage proprietor would become the innkeeper, and the short-stager would grow into a householder. Gas would be made in the original coal pits, and every spring of pure water would be converted to man's uses. Under such system, all the stations would become market towns and bazaars. The sheep-men would then be safer for ever, for it would be impossible to have great fluctua-

tions in the value of property so secured.
"Monopoly, indeed! It would be desirable become land or house lords. There is something monstrously absurd in the fact that right to erect dwellings to make the traffic railway proprietors have the right to build permanent. houses and rent them to their own servants, stranger within their gates.

contain, dormant, the elements of prosperty, panies, and railway companies, and banking far greater than their most sanguine project-companies, and building companies separateors ever dreamed of in their calculation of ly, and yet prevent a company from uniting together to work out conjointly all these The pamphlet thus concludes:— things urgently for better advantage. Give Railways are not in excess. They can them but free scope, and, in addition to all scarcely ever be in excess. As well say these, they will become provision purveyors streets are in excess. Cost of railways may be to the community far more economical than in excess, but there has never been a railway we have yet beheld. If ever the true prinmade that will not attract population to its ciple of communior—i. e., the general welborders, when the interests of the railway fare of all the individuals of the community -is to be worked out, it must be by a railway system of free-trading companies, the

"Will you, gentlemen, explain to your be made to follow. They will be far more sheepish proprietary that the present writer has no ill-will whatever to railway prosperity, but would simply impress upon them the desirability of not regarding their market quotations, but looking to intrinsic value.— They have a property which has, it is true, cost more than was needful, and which it has been sought to protect by a costly fallacy of oppositions, but which property is still intrinsighted policy—"killing the goose for the sically more valuable than has yet appeared, sake of the golden egg"—a constantly descreasing value in railway property, and an interest of the sically more valuable than has yet appeared, sake of the golden egg"—a constantly descreasing value in railway property, and an interest of the sically more valuable than has yet appeared, sake of the sically more valuable than has yet appeared, sake of the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared, sake of the golden egg"—a constantly described in the sically more valuable than has yet appeared in the sically more valuable than has yet appeared in the sically more valuable than has yet appeared, sake of the sically more valuable than has yet appeared, sake of the sically more valuable than has yet appeared, sake of the sically more valuable than has yet appeared, sake of the sically more valuable than has yet appeared to the sically more valuable than has yet appeared to the sically more valuable than has yet appeared to the sically more valuable than has yet appeared to the sically more valuable than has yet appeared to the sically more valuable than has yet appeared to the sically more valuable than has yet appeared to the sically more valuable th ultimate falling into the hands of the State, the seasons, that the human temperament when possibly there may be a less amount grows sanguine under the influence of plen-of jobbing, but there will also be a stereo- teous food, abundant capital, and a rising grows sanguine under the influence of plentyping of the system; and then farewell to trade. England is yet far from her culminating point; and, if circumstances should dispose her to expend her surplus capital on as in justice it ought, and as, if you be but courageous, it will, men would then take prove no very problematic afficients. and an increasing population, with means increasing in proportion, practically diminishes facilitating the means ot meeting them."

The writer laughs at the idea of objections being taken to monopoly, while the whole country is open to the construction of competing lines, which he contends ought only to be originated as streets, when rightly developed. The monopoly would only be of the same kind as that of a builder, against whom the public is protected, by the competi-

tion of all other builders.

Companies, no doubt, labor under disadvantages, owing to the jealous caution of the to have all England, Ireland, and Scotland legislature; and we trust they will join living under such monopoly. We might as together to free themselves from this hardship, well complain of house-lords' or landlords' Upon the same principle that we contended legislature; and we trust they will join. Upon the same principle that we contended monopoly, having the right ourselves also to for the policy of employing steam boats to develope the traffic; so do we contend for the

The London and North Western railway but not to a servant's brother or son, or the are about to set a good example, in publish-If there be a ing ful! and undeniable accounts of all their case in which the laissez-faire principle may transactions. We trust it will be followed. be trusted to act, it is in the construction of an any rate, those who fail will be marked material property. Individual welfare will as black sheep, and their shares will tail in herein be found synonymous with national the market. There ought to be no difficulty progress. Organisation is the one thing about this. Looking at the question broadly, needful in civilised communities, and no in there cannot be a doubt that such a line as the stitution is so powerful for organisation as Eastern Counties', with a traffic of 16,000%. are railways, if they be only left unmolested per week, must be right. Supposing we take to work out their own prosperity. We give their expenses in round numbers at 8,000t. charters to water companies, and gas companies, it would leave a balance of 5 per nies, and manure companies, and canal com- cent. on a capital of eight millions. Nothing

and open mines and qurries, and teach landed proprietors to go and do likewise, when once this stumbling block were removed. They

*The earnings of the Companies enumerated above, for the week ending 17th June, 1848, as reported in Herapath's Journal, were—
London and Northwestern ... £101 per mile.
Great Western 83 "
Lancashira and Yorkshire ... 78 "
Edenburg and Glasgow ... 65 "
London and Brighton ... 55 " Eeastern Counties London and Southwestern

Midland 50 "
The London and Northwestern receipts apply only to the line and branches proper.

AMERICAN RAILROAD JOURNAL.

steadiness wherewith the traffic on the East. The very conception, of the magnitude of this reern Counties' railway increases, is a definite gion and of its capacity to support life, impresses thought, in the progress of the plan for using these proof that agricultural lines, held in contempt at the outset, are really the most valuable the world ever realized, and the mind becomes exand permanent. the means of their greater development, will ulation, which in a few generations shall inhabit it be a subject of future notice.

Prosperity is doubtless a pleasant thing; but uninterrupted prosperity is an unfailing corrupter of industry. Adversity, though unpleasant, is a wholesome chastener; and we are amongst the number of those who believe that railways will take a higher stand than they have ever yet done, after passing through their present slough of despond.

For the American Railroad Journal. Railroads in Maine. THE ATLANTIC AND ST. LAWRENCE RAILWAY.

The plan of connecting by railway, the St. Lawrence at Montreal, with the Atlantic at Port. St. Lawrence now under British rule. land, orginated in clear perception in advance of its accomplishment, of the great change, which has this region to the sea is the great work of our times. now taken place in the commercial policy of Great It has occupied the first minds of the country, from Britain.

The British government, has grown to be, the great commercial nation of the earth, principally through the agency of her navigation laws, and her protective policy. For nearly two hundred years, or since the Navigation Act of 1651, the shipping interest of Great Britain gradually advanced, till it actually overshadowed that of every European rival; and the system of protection to colonial industry, had cemented, in apparently, indissoluble bonds, the scattered portions of her wide spread empire.

It was seen however, that the spirit of change was at work at home. The doctrines of Free Trade, had for ages, been urged by speculative minds and theoretical writers, without effect, till the Anti Corn Law League pressed more closely home, to the apprehension of the masses, the chance of obtaining cheaper food. The thought that this was within their reach, had only, to be once believed, and nothing could stay the march of this new movement the products of the west to the sea, he would say, for cheaper food, till its consequences should be at those points where you can connect by railway one measured by the experience of a future generation. of these great natural outlets of the western trade, I speak of it, only as a fact, not for the purpose of with the ocean, in the shortest distance, and there find I speak of it, only as a fact, not for the purpose of hereafter embalmed in history as the founder of an the year. Those points are Montreal and Portland, and between New-York and Portland, have been improved system of policy, or executed as the daring innovator and destroyer, are questions which future time will decide. To him, more than to any other man must be conceded the responsibility and the honor.

Sooner than its friends had dared to hope in such a result, the principle of Free Trade tiumphed in the councils of the British government, and a policy is this day to be entered upon, which strikes off, forever her colonial empire, and soon leaves her without a foothold on the continent of North America.

Regarding this continent as under one commercial law, from the Rio Grande to' the northern or upper side of the St. Lawrence valley, and from the Atlantic to the Pacific, the plan and the importance of the Portlaud and Montreal railway, will be readily understood and appreciated.

From the Gulf of Mexico to the St. Lawrence beyond which, extends the vast basin drained by the Mississippi and the St. Lawrence. This basin, the price of freights from Montreal to Europe over law in regard the timber duties bears with the same

can be very wrong in such a case; but still is the great grain growing region of the earth, comthat paid from the Atlantic cities, was more than
the public at Irrge do not know the whole
paired with which, the wheat fields, whose products
amount of liabilities, and therefore are the
shares unduly depressed in the market. The
treadiness where with the traffic as the East

The way comparison into triffing importance er routes than the difficult and dangerous one The reasons for this, and hausted in attempting to measure the growth of popthe majestic march of freedom and civilization in the new world.

It is only twenty-three years, since the waters of Lake Erie, were brought to the Hudson. In less time than that, Ohio, Indiana, Illinois, Michigan, Missouri, Wisconsin and Iowa, have grown into importance and become exporters of bread-stuffs. There is still beyond these giant states, yet in their infancy, a region larger then the original thirteen. be to regard the Halifax and Quebec railway prostill io come into the Union as states; whose soil is of equal fertility, and into which the ploughshare has never entered-beside the northern shores of the

To devise the means of bringing the products of the time of Washington, to our day. He proposed to smite the waters of the James' river and the Kanawha. Clinton took the lead in connecting Lake Erie with the Hudson, and from Georgia to Maine various projects have been entered upon or proposed, with the same general purpose.

Had either the St. Lawrence or the Mississippi found the Atlantic coast in a desirable latitude, with a good harbor at its mouth, the greatest city of the world would have there grown up. Instead of this, how strangely have these great rivers been guided, one to ithe inhospitable north, amid iceburgs and Mexico, and the diseases, and the hurricanes of the tropics.

Looking at the natural, or geographical features points the line of artificial communication should be opened, to afford the greatest facility for bringing found.

At the time of projecting the Erie canal, the idea eems never to have occurred that the Niagara river could be made navigable below Lake Erie, for vessels of the same size as those common to the lakes. The Welland canal, has changed completely, the relation of things as then subsisting. If this canal fore our draw-back law of 1845 came into operation. Lawrence, Buffalo, and the Erie canal beyond Oswego, would lose their relative importance at once. To this condition they must eventually come, under the inevitable progress of the ntaural laws of trade, when all commercial restriction, upon this ly into New York hands, and Canada West no continent cease

The Welland and St. Lawrence canals were unvalley, extends a mountainous ridge, distant from river. It was never so much as dreamed, at that February 1st, 1849.

one to two hundred miles from the Atlantic coast—time by the Canadians, that protection to colonial From this time forward all inducement for

er routes than the difficult and dangerous one through the St. Lawrence. This idea was the first

Herein may be seen the difference between the project of the Portland and Montreal railway, and under the influences, now at work, to carry forward the former ones, which occupied the attention of the people of Maine, one proposing to reach Quebec, the other Lake Champlain and Ogdensburgh.

The Welland and St. Lawresnce canals gav birth to the idea of the Portland and Montreal railway. Before they were undertaken, the project of a railway to the St. Lawrence from Portland was impracticable if not absurd. To attempt to confound the one idea with the other, is as absurd, as it would ject, as identical with Whitney's plan of a railway to Oregon.

The idea of the Portland and Montreal railroad was purely commercial. Montreal is at the head of sea navigation on one side, and the foot of the canal navigation on the other. She is the natural basin of the incoming and outgoing trade. If the navigation from Montreal to Europe was as easy, and freights as cheap, at all seasons of the year, as from June to September, she might aspire to be the second city of the Continent. Flour can be brought from Chicago to Montreal for 30 cents a barrel. If the navigation acts are repealed, and all commercial restriction taken off, flour would in the summer months take the St. Lawrence route. But, in the present condition of things it will be cheaper to take produce from Montreal to Portland by railway (when it is completed), and ship the same from the latter port to Europe and the Atlantic cities. The dangers, the other to the quicksands of the Gulf of cost of the whole line of 275 miles will not exceed \$7,000,000, or less than the expense of the railway from Boston to Albany, and the grades more favorable, not exceeding fifty feet to the mile. By this of this continent, if one was asked between what route flour can reach the harbor of Portland for 60 cents a barrel, from Lake Michigan.

After the opening of the railway from Boston to Albany the thought of a cheaper route for western produce to reach the sea coast of New England was never suggested till the plan of the Portland and Montreal railway was urged. Since then the whole discussion, whether the name of Cobden shall be a good harbor—easy access, and open at all seasons of region of country, between Buffalo and Montreal, and one of the best harbors on the coast, is there alive to the discussion of the rival routes. Among all these schemes, the Portland railway project has alone gained the confidence of the people of Canada and Montreal; and its claims are now generally admitted

> Hardly had the thought of the merchants of Montreal been tuned to the question of this railway, bewas under our government or on our side the St The effect of this law had been predicted, and its consequences to Montreal foretold; still her merchants, at first, regarded the suggestions of danger to their trade as fanciful, or of little moment, until they saw the import trade of Montreal passing quietlonger her most valuable customer.

> In 1846 the last hope of the British colonies was dertaken by Cadada, for the purpose of diverting served by the passing of Sir Robert Peel's measure, trade from the Eric canal, through the St. Lawrence abolishing the corn laws, which goes into effect

> industry was to be withdrawn. The difference in British connection ceases in Canada, and a similar

effect on the lower provinces of New Brunswick the first and greatest motive for carrying it on. This where we propose to spend a fortnight in the examand Nova Scotia. The consequence of this state will, and probably should, be regarded as a fanit—of things is no longer problematical. These provinces must be independent of Great Britain. The timation of others but to us it is a rich reward to reciprocity bill has only to be passed by Congress, and free trade with Canada established, and Maine assumes at once her proper position in the commercial operations of the times. Portland must become the shipping port of a large portion of Canada, and a competitor with New York for the trade of Lake Erie and the upper lakes. The relations of this road to the lower provinces, and the Atlantic cities, requires more space than one number of this jour-nal can spare. This topic will be hereafter noticed. Feb. 1, 1849. J. A. P.

AMERICAN RAILROAD JOURNAL.

Saturday, February 3, 1849.

VALEDICTORY.

With this number our direct connection with the American Railroad Journal as editor and publisher ceases; a few words at parting with old and valued friends, may not be amiss, or unacceptable.-For nearly eighteen years the Railroad Journal has been our hobby, our pride and our pleasure. That cious—that it may, in other, and abler, and equally it has done something towards advancing the railroad interests of the country few will deny-but that it has realized our idea, or equaled our desires, no one acquainted with us, will for a moment suppose.

We commenced the Journal against the the general opinion of friends-some deemed it visionary, and others almost questioned our sanity; while the general inquiry was, "where do you expect to find material for such a publication ?" To us, however, was given-by the experiments on the Stocton and Darlington, and Liverpool and Manchester railroads, from 1827 to 1831-a clear perception of the astonishing capacity of railways with steam powerand the inspiration of hope that our own cherished The astonishing results of the experiments ter railway, in October 1829, convinced us that a properly directed, greatly advance the interests, and enhance the pleasures, of mankind; and to aid in the improvements of this new agency of progress, was a prominent inducement to the commencement, and we may truly say has been a strong incentive to the continuance, of the Journal. That new agency, which, at the commencement of the Journal, was little understood, has since grown to be a mighty power, pervading almost every civilized nation of the earth; yet it is still in its infancy, and by no means duly appreciated or understood.

To sustain the Journal, till it reached a successful

few were aware of; yet with all our efforts we have not been able, at all times, to give it the requisite attention to make it what the railway interest of the country demanded. It has, howbeen gradually extending its circulation until it reaches every state in the Union-except Iowa, Arkansas and Texas-and also Canada, New Brunswick, Cuba, England, France and Germany.

One thing we may now say-though it may be said to argue little for our sagacity—we have rarely ever solicited a subscriber to the Journal, and never a personal favor on its account-and, whilst we deit is our pride, and our pleasure to be able to say,

have been instrumental, during so long a period, in the advancement of an enterprise which contributes so largely to the necessities, the comforts, and the wealth of the masses—the millions-even though we only share equally with them in the benefits resulting from our labors.

But more ample means, and higher attainments, than we possess, are required to meet the demands of the age, and make the Journal what it may, and should be; and it was to us most desirable that it should pass into the hands of those who were deeply imbued with the spirit which originated, and has so long sustained it-a measure not so easily secured, yet, we are gratified to be able to say, it has been success fully accomplished-and the Railroad Journal, with all its appendages, has been transfered to those who are abundantly able, and fully determined, to make it what the present advanced state of the railway cause requires and demands.

In thus retiring from the Journal, at a period of all others since its commencement, the most auspi- erted. devoted hands, become more useful-we feel that we are still devoting our best efforts to the cause, and therefore take pleasure in the introduction to our readers and our friends, of our successor, Henry V. Poor, Esq., late of Bangor, Maine, who is be the resident editor in New York; and whose extensive acquaintance, especially in New England, will give him important advantages; and whose reputation, we feel assured, guarantees success to the Journal.

Mr. Poor assumes the station under the most favorable auspices. In its management he will have the assistance of gentlemen of ability and large experience-known as among the most sagacious and merous, generous and indulgent friends, and the tion, or the withdrawal of the sun from the heavens. friends of the great railway interest—to solicit for portion as we have endeavored to serve all. From the joys of existence. the new field of labor to which we are going, with umns ot the Journal.

D. K. MINOR.

ination of the route of the proposed railroad, and from which we may make our first report.

INTRODUCTORY.

The undersigned have become proprietors of the American Railroad Journal. It will be published hereafter at 54 Wall street, under charge of HENRY V. Poon, as resident editor, assisted by several conributors, some of them already known as leading railroad men in the country.

In assuming this charge, the inquiry will at once arise, among the readers of the Journal, as to the manner in which it will be hereafter conducted .-We promise, at the outset, nothing but a devotion to its management of all the ability and industry with which we are endowed.

The Locomotive Railway System has now become the great necessity of man-the great instrument of civilization and progress—the great idea of modern times. It has already done more to relieve the burdens of labor-to minister to man's wants and necessities, and to elevate him in the scale of being, than any other agency that has ever been ex-

The Locomotive Steam Engine we regard as the greatest achievement of man-the most extraordinary instrument of good, the world has yet reached -throwing far into shade, the fabled deities of ancient mythology-practically realizing the boasted virtues of the lamp of Alladdin.

It brings to man, in some good degree, the gratification of his highest wish, his loftiest earthly aspiration. It traverses the earth with a speed outstripping the swiftest bird upon the wing, carrying -not thought or language alone, but-man, living breathing, sensitive man-instinct with new lifenew energy-new powers, conscious almost of new faculties and a new creation. Without danger, and without fatigue, it enables man to transfer himself country might participate largely in their influen- far-seeing minds of the country-and whose practi- to distant regions of space, and participate in the cal acquaintance with railways will ensure for enjoyments-the physical gratification, and the variwith the locomotive, on the Liverpool and Manches- it the result of experience and sound judgment ous pleasures of social existence in a manner before from different parts of the country. He has also unknown Labor is relieved of its most dreaded new agency had been set to work, which would, if ample means at command to enlarge and im-burdens, and humanity raised, in aspiration, and prove the Journalto meet any increasing demand pursuit, from the sensual to the ideal. Suspend for upon it. We therefore desire-in taking leave a single year, or for a single month, the railways of of our favorite pursuit, our long cherished me- the world, and society would feel a shock, like that dium of pleasure and usefulness, and our nu. occasioned by a disturbance of the law of gravita-

The influence and the value of the Locomotive our successor, the continued support, and cordial co- Railway System are now beginning to be felt in opperation, of all who have sustained us in our la- every civilized community. Though still in its inbors; and we earnestly commend him and the Jour- fancy, it has done much for humanity, wherever its nal to their confidence. We would urge upon all blessings have been realised, by changing the conthe friends of railways, the importance of prompt ditions of labor, and giving to man far greater and vigorous efforts to extend the circulation, and means for the gratification of his higher nature, and position, required exertions and sacrifices, which the usefulness, and the income, of this their own or- enjoying the refinements of intellectual and social gan, that the editor may be cheered on in his arduous life. It gives to every community the productions labors, the system be improved and extended, and the the ideas of every other-disclosing or creating new millions of capital invested liberally rewarded, and sources of enjoyment, and multiplying, to an infinite mankind largely benefited; while, for ourself, we on- degree, every susceptibility to pleasureable emotion. ly desire to carry with us, to our far off home, the It practically prolongs our being, not to one, but to confidence, and the kind wishes of all, only in pro- a fourfold degree, enhancing, in the same ratio, all

Its social and political advantages are less apprethousands of other American hearts, we intend to ciated, than its commercial. It will not have achievsend some messages to our friends through the col- ed its highest work, till it has harmonised political differences, and elevated all men, to the highest social condition of which they are capable. When sire to acknowledge many, very many, courtesies are to acknowledge many, very many, courtesies from those in charge of different lines of railway, the 15th of February, we shall be gratified by the refrom the St. Lawrence to the Rio Grande, and from Taks we shall not leave New York until about the net work of railroads shall cover the continent ceipt of communicatons from our old friends, to the Atlantic to the Pacific, there need be no fear of that pecuniary, or personal advantage, has not been cheer us on our way across the Isthmus of Panama, discussing the value, or the permanency, of the

mere paper constitution, but a social and practical tinent. Merchants-Railroad Companies-Build. more probable that within the next dozen years, the reality. And, when the iron bands of the railway ers of Machinery — Patentees — Inventors — Iron average rate of travel on our best roads, will be for-shall stretch their unbroken lines from the Straits of Dealers — Contractors—and all Steamboat, Stage, ly, fifty or sixty miles an hour, than it was about a Gibraltar to the banks of the Neva, the masses of and Packet Lines, will find this a desirable channel Europe will no longer be taxed for the support of of communication. The paper circulates among

than the ordinary rewards of toil. He is working trict of Columbia-Canada-N. Brunswick-Cuba for humanity-for progress-for the highest good of

Profoundly impressed with these views, we intend in accordance with their spirit to conduct the Jour- fame of Stephenson dates back to, if it does not rest nal. The vast amount of practical talent now de-upon, the fortunate results of the public experiments voted to the railway interest, and its kindred branches, requires far higher powers, and greater energy, than we can bring to its managemeet. Our hope is, that we may be able to secure, and concentrate some portion of this talent in its columns, and make i truly, and fully represent, the leading ideas of the railway interest of this country. This interest, already one of great strength and energy, is daily receiving vast accessions. The world is impressed with great ideas. This continent is hourly becoming more important in the social, political and commercial movements of the times. New regions of territory have been opened to us during the past year, which have awakened in many portions of the Union a spirit of adventure, which has seen no parallel since the discovery of America. The revolutions in Europe of 1848, will give new energy to the cause of emigration, and the next few years will witness changes in this country, greater than any previous experience of the past. We are entering upon a new career of prosperity and success, with the great agencies of modern progress in our hands.

There is danger of over-action in the cause of railways, as well as in other branches of business. It is no longer wise for capitalists, and stockholders in railways, or business men of any sort, to leave the work to so few hands as heretofore.

Others, besides directors, engineers and contractors, require to possess some knowledge of the practical workings of railways, and their relations to property and life.

The Railroad Journal was started in 1831, before any similar publication was attempted in this country, or elsewhere.

In Great Britain, and on the centinent of Europe, since then, several journals have sprung up-many of them among the most profitable of the publications of the day-devoted to this interest. It is believed, therefore, that the time has come when public wishes and the railway interest, will justify an enlargement of our Journal. Within a few years past, the ordinary newspapers of the day have been compelled to give much space to this branch of industry, from the growing inquiring of the public More elaborate discussion of principles, and of scientific discoveries, are now demanded, in addition to the ordinary intelligence of the movements of railway companies, to meet the spirit of the times This spirit we hope to be able in some manner to gratify.

The history, the influence, and the improvements of the railway, as well as a careful inquiry into the management of railroad directors, and officers, are now wanted. The mechanic arts, steam navigation, our midst, and assure us, that within the next dozen number of original discoveries among us, by ignowith locomotion and the progress of industry-come make it a desirable channel of communication for all question, what these roads are now doing, upon hydrostatics, projectle, momentum, traction, etc.—all the public companies, and furnish such details the average, compared with what was expected of God prosper them all, nevertheless. The Chinese

Union. The Union of the states will not then be a public, their best guide to every portion of the con- is more astonishing. standing armies to maintain the Balance of Power. these various interests in all the States of the Union, Whoever, therefore, labors in this field, has more but three-Iowa, Arkansas and Texas-in the Dis--Great Britain-France and Germany. Descriptions and details of working machinery, are the best advertisements their builders can publish. The made with the Rocket in 1829, though Braithwaite had surpassed him in the model and the general finish of the locomotive.

Second only in importance to the railway system is steam navigation. This agency has opened the west to the hardy emigrants from the Atlantic states, and brought the products of its soil to market. This agency will still go on, hand in hand, with the railway-its handmaid. rather than its rival. England is encircling the globe with ocean steamers, and we are just starting on a similar career. . A single year has accomplished, in our midst, results that a few years ago would have required the labor of a whole generation.

In resigning into our hands a work so long and o faithfully conducted by Ma. MINOR, he has expressed himself in a manner that may lead our readers to expect too much from us.

No one can feel more sensibly than we, the mag-We assure all the friends of nitude of such a task. railroads of our desire to give all the strength to the Journal which their patronage will justify. If the field of labor could yield a tolerable return from the day it was started till now, may we not hope for more abundant reward in this day of railway success? In the hands of MR. MINOR, it has grown with the growth and strengthened with the strength of the railway system. If he has been unable to give to the Journal, the last few years, all the attention which its increasing patronage seemed to require, no one who has followed it through its whole course, can fail to have been impressed with the zeal and the ardor of his early devotion to this great cause-his unvarying independence and integrity of opinion. He has been a projector and pioneer .-Few men have left so enduring a monument of industry, of public spirit and success. He has seen the railway, from its humblest beginning, grow into strength and into manhood, till it embraced one of the great interests of business, and has become the great necessity of our times. His exertions have been largely instrumental in accomplishing this result. The railway interest in this country owe him a debt of gratitude which we are quite certain cannot become either outlawed or forgotten.

Equal industry and perseverance at this day, will certainly ensure abundant success to the Journal.-The pledge of our highest endeavor is all the guarantee we offer.

JOHN H. SCHULTZ & CO.

The Law of Progress.

Were a cool-headed, sagacious man to rise up in as will give the business man, and the travelling them, by reasonable men, about a dozen years ago, may go on, age after age, making ivory trinkets

dozen years ago, that we should do what we are now doing every day-look at the prodigeous augmentation of locomotive power-at the style, strength, finish, and safety of our cars-at their comfortable width, and amazing steadiness, upon the broad gauge—the numberless inventions for lessening the jar-the spring seats, the compressed air, the India rubber applications, and other contrivances: and then say whether, at the end of another dozen years, refreshment and sleeping rooms, card rooms and smoking rooms, are not more likely to be established, than were the luxuries we now enjoy, twelve years ago ?

Let another man appear, and keeping his eye upon what has happened since the telegraph system was first established, assure us, that within a like period, they would cross the ocean, traverse Europe, and complete the circuit of the world, enabling us to talk together, people with people, as with our next door neighbors, by the help of the Atlantic or Pacific; nay, that we should, in all human probability, be enabled to maintain a correspondence with our friends in all parts of the earth, and without the help of wires, or any better acknowledged medium than the atmosphere, simply by adjusting two magnets by the same scale, so that each would answe the other, by repeating the marks made by that other-should we not insist upon sending him to a mad house? And yet, what we are doing now by the help of Morse's telegraph, is more wonderful, compared with what we were doing then, by express riders, and signals, and carrier pigeons. Had we been told then, that people, a thousand miles apart, would talk together, by the help of wives, just as if they were in adjoining rooms, and not being able to make themselves heard through the partition, were driven to a correspondence by writing.

Bear in mind what has just been done by the help of astronomy, navigation, and mathematics, by this new application of the simultaneous power, in fixing the longitude of certain places. Let us ask ourselves where these extraordinary developments are to stop Miracles are matters of hot rly occurrence. We are doing impossibilities every day. And we must continue in the same career- otherwise our blood will stagnate in the arteries of our children.

America is now the great laboratory of the world. Here is the chamber of power. Here the germinating principle of a new system. Here-and here only—can the experiments demanded by man, for the bettering of his condition, politically, socially, and morally, be tried upon a scale worthy of MAN, worthy of his hopes, and worthy of his belief. The mechanic arts are only part and parcel of that system, whose workshop is the universe-and are, and always must be, from the very nature of things, dependent upon the political organization of society, Where men are free, thoughts are free. And where living is cheap, and the field of enterprise open to all alike-with no penalties in view, men are notafraid to venture boldly. At the worst, they are only laughed at if they fail. They are never ruined for life as in other countries. Hence the amazing commerce and mining-especially in connection years, the average rate of travel upon our best rail- rant men: men really ignorant of the first principle roads would be forty, fifty, or sixty miles an hour- of mechanics, and often wholly unacquainted with within the range of our purposes. We hope to what should we think of him? And yet, beyond the laws they seem to set at defiance—hydraulics,

A MESTERS AND SEASONANDARY PROFESSIONA

the same shape, with the same tools; the English the company, might, his Honor thought, be properly working over their old materials, in the best possible manner, but seldom steping aside for inquiry, The demurer must therefore be all overruled.—Railway Chronicle. lest they may never find their place again, among their fellow craftsmen, if they happen to be belated for a single day; but our Americans have another, and a very different mission. They are bound to try their hands at everything; to be "everything by turns, and nothing long," that the world may be regenerated.

REPUSAL OF ENGINEER TO CERTIFY.—Dec. 13, 14, 1848, in the Vice Chancellor's Court. In re M'Iutosh v. the Great Western, demurer to a suit by the executors of the late Mr. Hughs M'Intosh, a contractor employed by the Great Western, praying for a declaration that the withholding, on the part of Mr. Brunel, of the certificates necessary to entitle the contractor to payment, was a fraud upon the latter; and for an account of what was due from the ter; and for an account of what was due from the company; and for payment. A portion of the contracts, which were entered into in 1836, related to works upon three miles of the line between Ealing and Hendon, the stipulated payment being 27,956. The contract was under seal, dated Nov. 5, 1836. It was thereby agreed that Mr. M'Intosh would perform the works to the satisfaction and the payment of t form the works to the satisfaction, in all things, of the company, and their principal or assistant resi-dent engineers. It was also provided that, in case of any variation in the works, the contractor should perany variation in the works, the contractor should perform them agreeably to the former stipulations. If the work should be impeded or delayed through the act of the company, an extension of time and allowance of extra enumeration were to be determined by the engineer; but no work was to be considered as excuded unless done to the satisfaction of the principal engineer, and unless it should have been certified by him to have been so executed. According to the statements in the bill, the truth of which was assummed for the purposes of the argument, the works had been properly performed according to the contract, and notice had been given by the contractor for the engineer to examine the works and give his had been properly performed according to the contract, and notice had been given by the contractor for the engineer to examine the works and give his certificate. But the bill charged that although it was the duty of the engineer so to certify, he refused to do until another contract had been completed by Mr. M'Intosh; and the bill also charged that in so refusing, Mr. Brunel was acting in collusion with the company, and under their direction and authority. The case was argued at considerable length on Tuesday last; and yesterday, the Vice Chancellor said the case was substantially this: A tradesman and customer contracted together that the former would execute for the latter works of considerable magnitude, in consideration of being paid according to their value—that value being to be decided by a third person, specified, who, when satisfied of the due execution of the work, was to certify accordingly, and the tradesman was not to be entitled to receive anything without such certificate. The works was then executed by the tradesman to the satisfaction of the customer and the third person, but payment was refused for want of the certificate without any just cause. His Honor thought that a state of things which would entitle the tradesman to relief in equity against the customer; the case of the tradesman being that of the plaintiffs here. receive anything without such certificate. The works was then executed by the tradesman to the satisfaction of the customer and the third person, but payment was refused for want of the certificate without any just cause. His Honor thought that a state of things which would entitle the tradesman to relief in equity against the customer; the case of of the tradesman being that of the plaintiffs here, and the case of the customer that of the company. His Honor thought the demurer of the company unsustainable. It had been argued that the refusal of the engineer was a breach of covenant on the part of the company, for which an action would lie; but if it were, that was not sufficient to defeat the plaintiffs' right to relief in equity under the circumstances of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the company, for which an action would lie; but if it were, that was not sufficient to defeat the plaintiffs' right to relief in equity under the circumstances of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; nor did his Honor think that a position of the engineer was a breach of covenant on the part of the case; and the case of the case of the case of the c if it were, that was not sufficient to defeat the plaintiffs' right to relief in equity under the circumstances of the case; nor did his Honor think that the position of the engineer, as being employed by the company, a sufficient objection to the case of collusion stated by the bill, he having been, under this contract, appointed to functions analogous to those of an arbitrator. It had scarcely been contended that the case of the secretary differed from that of the company, but for Mr. Brunel it had been argued that his demurer stood upon wholly different and independent grounds. The charges in the bill, however, were such, that upon the whole Mr. Brunel appeared to be made a party with as much fitness and propriety as Mr. Saunders; and against both the isoevery, which could not be obtained on oath from

DIRECT ACTION ENGINES

FOR STEAMBOATS. THE PATENT DOUBLE CYLINDERS,

THE ANNULAR RING PISTON ENGINES

of Messrs. Mauldslay, Sons & Field, of London, may be built in the United States, under license, which can be obtained of their agent,

THOMAS PROSSER, C. E., 28 Platt street, New York.

May 6, 1848.

DATENT HAMMERED RAILROAD, SHIP and Boat Spikes. The Albany Iron and Nail Works have always on hand, of their own manufacworks have always on hand, of their own manufac-ture, a large assortment of Railrord, Ship and Boat Spikes, from 2 to 12 inches in length, and of any form of head. From the excellence of the material al-ways used in their manufacture, and their very gen-eral use for railroads and other purposes in this coun-try, the manufacturers have no hesitation in warrant-ing them fully acqual to the hest aribas is try, the manufacturers have no hesitation in warranting them fully equal to the best spikes in market, both as to quality and appearance. All orders addressed to the subscriber at the works, will be promptly executed. JOHN F. WINSLOW, Agent.

Albany Iron and Nail Works, Troy, N. Y.
The above spikes may be had at factory prices, of Erastus Corning & Co., Albany; Hart & Merritt, New York; J. H. Whitney, do.; E. J. Etting, Philadelphia; Wm. E. Coffin & Co., Boston. ja45

TO RAILROAD COMPANIES AND BUILD-ERS OF MARINE AND LOCOMOTIVE ENGINES AND BOILERS.

PASCAL IRON WORKS.

WELDED WROUGHT IRON TUBES



Manufactured and for sale by MORRIS, TASKER & MORRIS. archouse S. E. Corner of Third & Walnut Street PHILADELPHIA.

NEW PATENT CAR WHEELS.

THE SUBSCRIBERS ARE NOW MANUfacturing Metallic Plate Wheels of their invention, which are pronounced by those that have used them, a superior article, and the demand for them has met the most sanguine expectations of the inventors. Being made of a superior quality of Charcoal Iron, they are warranted equal to any manufacture.

We would refer Railroad Companies and others to the following roads that have them in use. Hart-ford and New Haven, Connecticut River Railroad, Housatonic, Harlem, Farmington, and Stonington. SIZER & CO.

January 29, 1848. tf

Springfield, Mass.

WILLIAM JESSOP & SONS, CELEBRATED CAST-STEEL

The subscribers have on hand, and are constantly receiving, from their manufactory,

ARK WORKS, SHEFFIELD, Double Refined Cast Steel—Square, flat & octagon. Best warranted Cast Steel—Square, flat & octagon. Best Double and Single Shear Steel—Warranted.

Machinery Steel—Round. Best and 2d gy. Sheet Steel—for Saws and other

purposes.
German Steel—flat and sqr., "W.I. & S." "Eagle" and "Goat" Stamps.
Genuine "Sykes," L Blister Steel.
Best English Blister Steel, etc., etc.
All of which are offered for sale on the most favorable terms, by WM. JESSOP & SONS, 91 John Street, New York.

Also by their Agents—
Curtus & Hand, 47 Commerce St., Philadelphia.
Alex'r Fullerton, & Co., 119 Milk St., Boston.
Stickney & Beatty, South Charles St., Baltimore.
May 6, 1848.

PRING STEEL FOR LOCOMOTIVES, Tenders and Cars. The Subscriber is engaged in manufacturing Spring Steel from 11 to 6 inches in manufacturing Spring Steel from 14 to 6 inches in width, and of any thickness required: large quantities are yearly furnished for railroad purposes, and wherever used, its quality has been approved of. The establishment being large, can execute orders with great promptitude, at reasonable prices, and the quality warranted. Address

JOAN F. WINSLOW, Agent,

Ly Albany Iron and Nail Works,

RAILROAD IRON AND LOCOMOTIVE
Tyres imported to order and constantly an har. I

A. & G. RALSTON
Mar. 20tf
4 South Front St., Philadalands.

RAILROAD IRON- 2500 TONS HEAVY AREROAD IRON-2300 TONS GEAVI H Rail, now landing, and expected shortly to arrive, for sale on most favorable terms by DAVIS BROOKS & CO. July 19th, tf 68 Broad street, New York.

RAILROAD IRON

1 000 tons T Rails, weighing about 60lbs. to the yard, of the latest and most approved pattern, for sale by BOORMAN, JOHNSTON, & CO.,
119 Greenwich st., New York.

Jan. 20, 1849.

DEAN, PACKARD & MILLS. MANUFACTURERS OF ALL KINDS OF

RAILROAD CARS.

SUCH AS PASSENGER, FREIGHT AND CRANK CARS,

ALSO SNOW PLOUGHS AND ENGINE TENDERS OF VARIOUS KINDS.

CAR WHEELS and AXLES fitted and furnished at short notice; also, STEEL SPRINGS of various kinds; and

SHAFTING FOR FACTORIES.

The above may be had at order at our Car Factory,
REUEL DEAN, REUEL DEAN,
ELIJAH PACKARD,
SPRINGFIELD, MASS.
1948

JAMES LAURIE, Civil Engineer. No. 23 RAILEOAD EXCHANGE, BOSTON, MASS.

Railroad Routes Explored and Surveyed. Estimates, Plans and Specifications furnished for Dams, Bridges. Wharves, and all Engineering Structures October 14, 1848.

MASONS AND STONECUTTERS WANTED—AT THE U. S. NAVY YARD,
NEAR PENSACOLA.—Twenty good Stonecutters can find immediate employment at dressing
granite by the superficial foot. The beds and builds
of the stone will alone be dressed—the face being
left rough. For this work the high price of 25 cents
per superficial foot will be allowed on the stone
now in the yard, and the tools sharpened.
Those who are Masons as well as Stonecutters,
will be preferred: and, more especially, those who
are disposed to work, when necessary, in Diving
Bells. The works in progress are very extensive,
and will, probably, afford constant employment for
some years.

To good workmen, of the above description,

some years.

To good workmen, of the above description, when employed by the day, the wages will be \$2.50, on the ten hour system; to which, an addition at the rate of one dollar per day will be made for such time as they may be employed in the Diving Bells. Or at the rate of \$3.50 per day.

The Diving Bells, and Machinery, are constructed on the most approved plans, and will be abundantly supplied with air and light, and the water kept low in the Bells, so that no inconvenience will be felt by the workmen, the depth being only from 25 to 30 feet.

water acpured will be felt by the working.

Two good Machinists can also find employment in the Navy Yard.

Apply in person, to

JAMES HERRON,

Civil Engineer, Navy Yard. Jan. 1.

RAILROAD IRON.

HE TRENTON IRON COMPANY ARE now turning out one thousand tons of rails per month, at their works at Trenton, N. J. They are prepared to enter into contract to furnish rails of any pattern, and of the very best quality, made exclusively from the famous Andover iron. The position of the works, on the Delaware river, the Delaware and Raritan canal, and the Camden and Amboy railroad, enables them to ship rails at all seasons of the year. Apoly to

the year. Apply to

COOPER & HEWITT, Agents,

17 Burling Slip, New York.

October 30th, 1848.

ANUFACTURE OF PATENT WIRE
Rope and Cables for Inclined Planes, Standing Ship Rigging, Mines, Cranes, Tillers etc., by
JOHN A. ROEBLING, Civil Engineer,
Pittsburgh, Pa.
These Ropes are in successful operation on the
planes of the Portage Railroad in Pennsylvania, on
the Public Slips, on Ferries and in Mines. The
first rope put upon Plane No. 3, Portage Railrord,
has row run 4 seasons, and is still in good condition.
92v1 ly 92v1 IV

NORWICH CAR FACTORY.

NORWICH, CONNECTICUT.

T the head of navigation on the River Th A and on the line of the Norwich and Worcester Railroad, established for the manufactory of RAILROAD CARS,

OF EVERY DESCRIPTION, VIZ: PASSENGER, FREIGHT AND HAND CARS,

ALSO, VARIOUS KINDS OF ENGINE TENDERS AND SNOW PLOUGHS. TRUCKS, WHEELS & AXLES

Furnished and fitted at short notice. Orders executed with promptness and despatch.

Any communication addressed to JAMES D. MOWRY, General Agent Norwich, Ca

Will meet with immediate attention.



RIDER'S PATENT IRON BRIDGE.

The Rider Iron Bridge having now been fully tested on the Harlem Railroad, by constant use for about eighteen months, and found to answer the full expectations of its most sanguine friends, is now offered to the public with the utmost confidence as to its great utility over any other Bridge now known. The plan of this Bridge is to use the iron so as to obtain its greatest longitudinal strength, and at the same time is so arranged as to secure the combined principles of the Arch, Suspension and Triangle, all under such controlling power as causes each to act in the most perfect and secure manner, and at the same time impart its greatest strength to the whole work.

The Rider Iron Bridge Company are prepared to furnish large quantities of Iron Bridging for Rail Road or other purposes, made under the above Patent, at short notice, and at prices far more economical than the best wood structure, and on certain conditions, the first cost may be made the same as wood.

Models, and pamphiets giving full descriptions of the Rider Bridge, with certificates based on actual trial from undoubted sources, will be found at the office of the Company, 74 BROADWAY, up stairs, or of W. Rider & Brothers, 68 Liberty Street, where terms of contract will be made known, and where orders are solicited.

M. M. WHITE,

November 25, 1848.

Agent for the Company.

LAP-WELDED

WROUGHT IRON TUBES

POR

TUBULAR BOILERS.

FROM 1 1-2 TO 8 INCHES DIAMETER.

These Tubes are of the same quality and manu facture as those so extensively used in England, Scotland, France and Germany, for Locomotive Marine and other Steam Engine Boilers.

THOMAS PROSSER,

28 Platt street, New York



No 23 Pear street, near Third,

below Walnut, Philadelphia.

RAILROAD SCALES.—THE ATTEN-tion of Railroad Companies is particularly re-quested to Ellicotts' Scales, made for weighing load-ed cars in trains, or singly, they have been the in-ventors, and the first to make platform scales in the United States; supposing that an experience of 20 years has given a knowledge and superior advan-

Bo

CAR MANUFACTORY, CINCINNATI, OHIO.



ECK & DAVENPORT WOULD REspectfully call the attention of Railroad Com-panies in the West and South to their establishment panies in the West and South to their establishment at Cincinnati. Their facilities for manufacturing are extensive, and the means of transportation to different points speedy and economical. They are prepared to execute to order, on short notice, Eight-Wheeled Passenger Cars of the most superior description, Open and Covered Freight Cars, Four or Eight-Wheel Crank and Lever Hand Cars, Trucks, Wheels and Axles, and Railroad Work generally. Cincinnati, Ohio, October 2, 1848.

RAILROAD IRON.

THE MOUNT SAVAGE IRON WORKS, Allegheny Connty, Maryland, having recent-ly passed into the hands of new proprietors, are now prepared, with increased facilities, to execute orders for any of the various patterns of Railroad Iron.— Communications addressed to either of the subscri-

Communications addressed to either of the subscribers will have prompt attention.

J. F. WINSLOW, President

Mount Savage Iron Co., Troy, N. Y.

ERASTUS CORNING, Albany.

WARREN DELANO, Jr., N. Y.

JOHN M. FORBES, Boston.

ENOCH PRATT, Baltimore, Md.

November 6, 1848.

United States; supposing that an experience of 20 years has given a knowledge and superior advantage in the business.

The levers of our scales are made of wrought iron, all the bearers and fulcrums are made of the best cast steel, laid on blocks of granite, extending across the pit, the upper part of the scale only being made of wood. E. Ellicott has made the largest Railroad Scale in the world, its extreme length was one hundred and twenty feet, capable of weighing ten loaded cars at a single draft. It was put on the Mine Hill and Schuylkill Haven Railroad.

We are prepared to make scales of any size to weigh from five pounds to two hundred tons.

ELLICOTT & ABBOTT.
Factory, 9th street, near Coates, cor. Melon st. 10ffice, No. 3 North 5th street, Philadelphia, Pa.

NOTICE—PROPOSALS FOR SPIKES. Proposals will be received at the office of the Company, No. 54 Wall street, until the 15th day of February next, for a quantity of Wrought Iron Railroad Spikes, from fifty to two hundred tons, (of 2000 lbs.) to be delivered at such wharf or wharves on the line of said Railroad as may be designated by the Chief Engineer in the employment of said Company. The Spikes to be nine-sixteenths of an inch square, headed and sharpened, suitable for the purpose, and to be of such lengths, not less than six, nor more than seven inches, as may be required by said Engineer. The Spikes to be made of the best quality of iron, and put into snitable kegs, with weight and size of Spike marked on the head.

The Directors reserve to themselves the right to

The Directors reserve to themselves the right to accept or reject proposals that may be offered, as they may consider the interest of the Company to

JOHN B. JERVIS, Chief Engineer, Office Hadson River Railroad Co., New York, 10th Jan., 1849.

TULLER'S PATENT INDIA RUBBER SPRINGS.—The Commissioner of Patents has dissolved the interference which had been declared against this Patent. The Patentee is ready to supply the springs upon the shortest notice, in any quantity, and at a moderate cost. They have now been in use for nearly 4 years, with complete success. They are made of the best materials, are economical, both as to cost and wear; are light and wery easy in their motion. FULLER'S

very easy in their motion.

The patent was granted to W. C. Fuller, in October 1845.

G.M. KNEVITT, Agent.

Office, 78 Broad street New York, and at Messrs.

James Lee & Co., 18 India Wharf, Boston.

Jan. 13, 1849.

NICOLL'S PATENT SAFETY SWITCH for Railroad Turnouts. This invention, for some time in successful operation on one of the principal railroads in the country, effectually prevents engines and their trains from running off the track at a switch, left wrong by accident or design.

It acts independently of the main track rails, being laid down, or removed, without cutting or displacing them.

It is never touched by passing trains, except when in use, preventing their running off the track. It is simple in its construction and operation, requiring only two Castings and two Rails; the latter, even it

only two Casings and two Rails; the latter, even it much worn or used, not objectionable.

Working Models of the Safety Switch may be seen at Messrs. Davenport and Bridges, Cambridgeport, Mass. and at the office of the Railroad Journal, York.

New York.

Plans, Specifications, and all information obtained on application to the Subscriber, Inventor, and Patentee

G. A. NICOLLS, Reading, Pa.

TRON BRIDGES, BRIDGE & ROOF BOLTS, having at great expense established a Manufactory with every facility of Machinery, for manufacturing Iron Bridges, Bridge and Roof Bolts, together with all kinds of the larger sizes of Screw Bolts, Iron Railings, Steam Boilers, and every description of wrought iron work, are prepared to furnish to order, on the shortest notice, any of the above branches, of the very best of American Refined Iron, and at the lowest rates.

During the past year S. & P. have furnished sev-

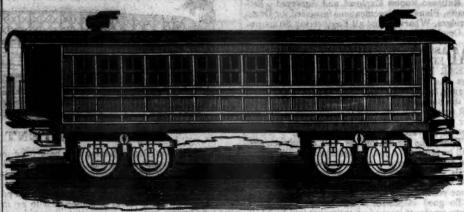
During the past year S. & P. have furnished several Iron Bridges for the Eric Canal, Albany Basin, etc., and a large amount of Railroad Bridge Bolts, all of which have given the most perfect satisfaction.

They are permitted to refer to the following gentlemen:

tlemen: Charles Cook, Nelson J. Beach, Jacob Hinds, Willard Smith Esq., Messrs. Stone a Harris Mr. Wm. Howe, Mr. S. Whipple, January 1, 1849.

Canal Commissioners Canal Commissioners
of the
State of New York.
Engineer of the Bridges for
the Albany Basin.
Railroad Bridge Builders,
Springfield, Mass.
Engineer & Bridge Builder,
Utica, N. Y.

WORKS, CAMBRIDGEPORT, MASS.



Manufacture to Order, Passenger and Freight Cars of every description, and of the most improved pattern; also furnish Snow Ploughs and Chilled Wheels of any pattern and size. Forged Axles, Springs, Boxes and Bolts for Cars at the lowest prices.

All orders punctually executed and forwarded to any part of the country.

Our Works are within fifteen minutes ride from State street, Boston—Omnibuses pass every fifteen minutes.

THE SUBSCRIBERS ARE PREPARED TO execute orders at their Phoenix Works for Railroad Iron of any required pattern, equal in quality and finish to the best imported.

REEVES, BUCK & CO.,

Philadelphia.
ROBERT NICHOLS, Agent,
No 79 Water St., New York.

RAILROAD IRON, PIG IRON, ETC.

600 Tons of T Rail 60 lbs. per yard.
25 Tons of 24 by 4 Flat Bars.
25 Tons of 24 by 9-16 Flat Bars.
100 Tons No. 1 Gartshrorie.
100 Tons Welsh Forge Pigs.
For Sale by A. & G. RALSTON & CO.
No. 4 So. Front St., Philadelphia

FRENCH AND BAIRD'S PATENT SPARK ARRESTER.

O THOSE INTERESTED IN Railroads, Railroad Directors and Managers are respectfully invi-ted to examine an improved Spark-Arrester recently patented by the undersigned.

Our improved Spark

Our improved Spark Arresters have been extensively used during the last year on both passonger & freight engines, and have been brought to such a state of perfection that no annovance from sparks or dust from the chimney of engines on which they are used is experienced.

These Arresters are constructed on an entirely different principle from any heretofore offered to the public. The form is such that a rotary motion is imparted to the heated air smoke and sparks passing through the chimney, and by the centrifugal force thus acquired by the sparks and dust they are separated from the smoke and steam, and thrown into an outer chamber of the chimney through openings near its top, from whence they fall by their own gravity to the bottom of this chamber; the smoke and steam passing off at the top of the chimney, through a capacious and unobstructed passage, thus arresting the sparks without impairing the power of he engine by diminishing the draught or activity of the fire in the furnace.

These chimneys and arresters are simple, durable and neat in appearance. They are now in use on the following roads, to the managers and other officers of which we are at liberty to refer those who may desire to purchase or obtain further information in regard to their merits.

R. L. Stevens, President Camden and Amboy Railroad Company, Richard Peters, Superintendant Georgia Railroad, Augusta, Ga.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad, Augusta, Ga.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad, Reading, Pa.; W. E. Morris, President Philadelphia, Germantown and Norristown Railroad Company, Philadelphia; E. B. Dudley, President W. and R. Railroad Company, Wilmington, N. C.; Col. James Gadsden, President S. C. and C. Railroad Company, Charleston, S. C.; W. C. Walker, Agent Vicksburgh and Jackson Railroad, Vicksburgh, Miss.; R. S. Van Reisselaer, Engineer and Sup't Hartford and New Haven Railroad, W.R. M'Kee, Sup't Llexington and Ohio Railroad, Lexington, Ky.; T. L.

Orders for these Chimneys and Arresters, addressed to the subscribers, care Meney, of this city, will be promptly executed. Messrs, Baldwin & Wh. FRENCH & BAIRD. N. B.—The subscribers will dispose of single rights, or rights for one or more States, on reasona

Philadelphia, Pa., April 6, 1844.

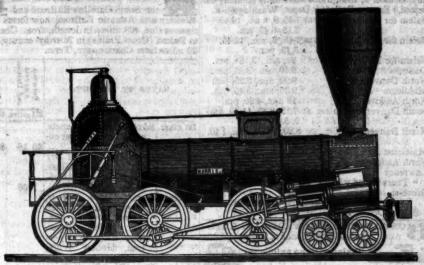
The letters in the figures refer to the article given in the Journal of June, 1844.

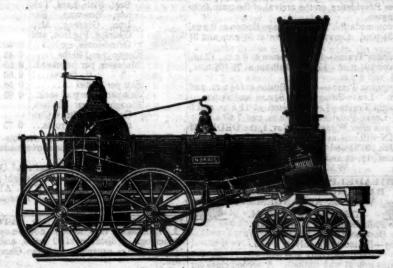






NORRIS' LOCOMOTIVE BUSHHILL, SCHUYLKILL SIXTH-ST., PHILADELPHI





The UNDERSIGNED Manufacture to order Locomotive Steam Engines of any plan or size. Their shops being enlarged, and their arrangements considerably extended to facilitate the speedy execution of work in this branch, they can offer to Railway Companies unusual advantages for prompt delivery of Machinery of superior workmanship and finish.

Connected with the Locomotive business, they are also prepared to furnish, at short notice, Chilled Wheels for Cars of superior applies.

Wheels for Cars of superior quality.

Iron and Brass castings, Axles, etc., fitted up complete with Trucks or otherwise.

NORRIS' BROTHERS.

MACHINE WORKS OF ROGERS, Ketchum & Grosvenor, Patterson, N. J. The Indersigned receive orders for the following articles, manufactured by them of the most superior description in every particular. Their works being extensive and the number of hands employed being large, or any part of cars furnished and fitted up at short sive and the number of hands employed beinglarge, notice and in the best manner.

N. B. Particular attention paid to the manufacture of the mast immuned Freight Cars.—Forty was referred.

they are enabled to execute both large and small orders with promptness and despatch.

Railroad Work.

Locomotive steam engines and tenders; Driving and other locomotive wheels, axles, springs & flange tires; car wheels of cast iron, from a variety of patterns, and chills; car wheels of cast iron with wrought tires; axles of best American refined iron; springs; boxes and bolts for cars.

Cotton, Wool and Flax Machinery of all descriptions and of the most improved patterns, style and workmanship.

Mill gearing and Millwright work generally, hydraulie and other presses; press screws; callenders; lathes and tools of all kinds; iron and brassesings of all descriptions.

ROGERS, KETCHUM & GROSVENOR, Paterson, N. J., or 60 Wall street, N. York.

CHILLED RAILROAD WHEELS.—THE undersigned are now prepared to manufacture their Improved Corrugated Car Wheels, or Wheels with any form of Spokes or Disks, by a new process which prevents all strain on the metal, such as is is produced in all other chilled wheels, by the manner of casting and cooling. By this new method of manufacture, the bubs of all kinds of wheels may be made whole—that is, without dividing them into sections—thus rendering the expense of banding unnecessary; and the wheels subjected to this process will be much stronger than those of the same size and weight, when made in the ordinary way.

A. WHITNEY & SON,

Willow St. below 13th,

Nov. 10, 1847. [tf.] Philadelphia, Penna. HILLED RAILROAD WHEELS .- THE

PATENT RAILROAD, SHIP AND BOAT

PATENT RAILROAD, SHIP AND BOAT

Spikes. The Troy Iron and Nail Factory keeps constantly for sale a very extensive assortment of Wrought Spikes and Nails, from 3 to 10 inches, manufactured by the subscriber's Patent Machinery, which after five years' successful operation, and now almost universal use in the United States (as well as England, where the subscriber obtained a patent) are found superior to any ever offered in market.

Railroad companies may be supplied with Spikes having countersink heads suitable to holes in iron rails, to any amount and on short notice. Almost all the railroads now in progress in the United States are fastened with Spikes made at the above named factory—for which purpose they are found invaluable, as their adhesion is more than double any common spikes made by the hammer.

All orders directed to the Agent, Troy, N. York will be punctually attended to.

HENRY BURDEN, Agent

Spikes are kept for sale, at Factory Prices, by

HENRY BURDEN, Agent
Spikes are kept for sale, at Factory Prices, by
& J. Townsend, Albany, and the principal Iron mer
chants in Albany and Troy; J. I. Brower, 222 Water
St., New York; A. M. Jones, Philadelphia; T. Jar
viers, Baltimore; Degrand & Smith, Boston.

4. Railroad Companies would do well to forward
their orders as early as practicable, as the subscriber
is desirous of extending the manufcturing so as to
keep pace with the daily increasing demand.

ja45

TO LOCOMOTIVE AND MARINE ENgine Boiler Builders. Pascal Iron Works, Philadelphia. Welded Wrought Iron Flues, suitable for Locomotives, Marine and other Steam Engine Boilers, from 2 to 5 inches in diameter. Also, Pipes for Gas, Steam and other purposes; extra strong Tube for Hydraulic Presses; Hollow Pistons for Pumps of Steam Engines, etc. Manufactured and for sale by

MORRIS TASKER & MORRIS,
Warehouse S. E. corner 3d and Walnut Sts., Philadelphia.

delphia.

TO RAILROAD COMPANIES AND MAN ufacturers of railroad Machinery. The subscribers have for sale Am. and English bar iron, of alsizes; English blister, cast, shear and spring steel; Juniata rods; car axles, made of double refined iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; the latter a very superior article. The tires are made by Messrs. Baldwin & Whitney, locomotive engine manufacturers of this city. Orders addressed to them, or to us, will be promptly executed.

When the exact diameter of the wheel is stated in the order, a fit to those wheels is guaranteed, saving to the purchaser the expense of turning them out inside.

THOMAS & EDMUND GEORGE, a45 N. E. cor. 12th and Market sts., Philad., Pa

N. E. cor. 12th and Market sts., Philad., Pa a45

AWRENCE'S ROSENDALE HYDRA-ulic Cement. This cement is warranted equal to any manufactured in this country, and has been pronounced superior to Francis' "Roman." Its value for Aqueducts, Locks, Bridges, Flooms and all Masonry exposed to dampness, is well known, as it sets immediately under water, and increases in

solidity for years.

For sale in lots to suit purchasers, in tight pape en barrels, by JOHN W. LAWRENCE,

142 Front street, New York.

For Orders for the above will be received an promptly attended to at this office.

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MATTEWAN MACHINE WORKS THE MATTEWAN COMPANY HAVE LOCONOTIVE ENGINE department, and are prepared to execute orders for Locomotive Engines of every size and pattern—also, Tenders, Wheels, Axles, and other Railroad Machinery, to which they ask the attention of those who wish such articles, before they parchage elsewhere

STATIONARY ENGINES, BOILERS, ETC., Of any required size or pattern, arranged for driving Cotton, Woalten, or other Mills, can be had on avorable terms, and at short notice.

COTTON AND WOOLLEN MACHINERY, Of every description, embodying all the modern im-provements, second in quality to none in this or any other country, made to order.

Of every description, may be had at short notice, as this company has probably the most extensive assortment of patterns in this line, in any section of the country, and are constantly adding to them.

TOOLS.
Turning Lathes, Stabbing, Plaining, Cutting, and Drilling Machines, of the most approved patterns, together with all other tools required in machine shops, may be had at the Mattewan Company's Shops, reshkill Landing, or at

39 Pine Street, New York.

WM. B. LEONARD, Agent.

RAILROAD IRON.

THE NEW JERSEY IRON CO.'S WORKS, at Boonton, are now in full operation, and can execute orders for Railroad Bars of any required pattern, equal in quality to any made in this country. Apply to DUDLEY B. FULLER, Ag't 139 Greenwich Street. New York, October 25, 1848.

E MERICA RAILROAD, WINTER ARRAGE-ment. On and after MONNDAY, Oct. 2, 1848.

Trains will eave Eastern Rail road Depot, Eastern Avenue, ommercial street, Boston, daily, (Sundays excepted,)

Lynn, 7, 9 11½, a.m. 12, 2½, 3½, 4½, 6, a.m. Salem, 7, 9, 11½, a.m. 12, 2½, 3½, 4½, 6, p.m. Manchester, 9, a.m. 3½, p.m. Gloucester, 9, a.m. 3½, p.m. Newburyport, 7, 11½, a.m. 2½, 4½, p.m. Portland, Me. 7, a.m., 2½, p.m. And for Boston,

And for Boston,

From Portland, 7‡, a.m., 3, p.m.

Portsmouth, 7, 9½*, a.m., 5½*, p.m.

Newburyport, 7‡, 10½*, a.m., 2, 6*, p.m.

Gloucester, 7‡, a.m., 3‡, p.m.

Manchester, 8, a.m., 3‡, p.m.

Salam, 7‡, 8½*, 9*, 10½, 11·40*, a.m., 2‡, 3*, 4½*, 7‡*, p.m.

Lynn, 7‡, 8½*, 9‡*, 10½, 11·55*, a.m., 2½, 3½*, 4½*, 7½*, prm.

To On Monday, Wednesday, and Friday, a train will leave Boston for Lynn and Salem, at 7 o'clock, p.m.

On Tuesday, Thursday, and Saturday, a train will leave EAST BOSTON for Lynn and Salem, at 101 o'clock, p.m.

+Or on their arrival from the East.

MARBLEHEAD BRANCH. Trains leave

Marblehead for Salem, 7‡, 8‡, 10, 11·25, a.m. 2, 3‡, 6‡, p.m. Salem for Marblehead, 7‡, 9‡, 40‡, a.m., 12‡, 3‡, 5‡, 6‡, p.m.

GLOUCETER BRANCH.

GLOUCETER BRANCH.
Trains leave
Salem for Manchester at 91, a.m., 41, p.m.
Salem for Gloucester at 91, a.m., 41, p.m.
Trains leave
Gloucester for Salem at 71, a.m., 31, p.m.
Manchester for Salem at 8, a.m. 31, p.m.
Freight Trsin each way daily Office 17 Merchants Row, Boston:
Feb. 3- JOMN KINSMAN, Superintendent.

ESSEX RAILROAD.—SALEM TO LAWRENCE, through Danvers, New Mills, North
Danvers, Middleton, and North
Andover. On and after Monday, October 2, 1848, trains leave daily (Sunday excepted,) Eastern Railroad Depot, Washington-st.
Salem for South Danvers at 7.45, 9, a m., 12.45.
3.15, 6.45, pm.
Salem for North Danvers at 7.45, 9, am., 12.45.
3.15, pm.

7.45, 9, am., 12.45.
3.15, pm.
9*, am., 3.15*, pm.
9.10, am., 3.25, pm.
9.20, am., 3.35, pm.
9.30, am., 3.45, pm.
10 am., 4.20, pm.
7.15, 8.45, 11,30, am.
2, 5.45, pm.
8.20, 11.10, am., 1.40.
5.40, pm.
11, am., 5.30, pm. Salem for Lawrence. Danvers "
North Danvers "
Middleton "
North Andover "
South Danvers for Salem at

North Danvers fiddleton "11, am., 5.30, pm.
forth Andover "10.35, am., 5.05, pm.
awrence "10.30*, am., 5*, pm.
* These trains will not stop at Frye's Mills nor Middleton North Andover

JOHN KINSMAN, Superintendent. Salem, Oct. 2, 1848.

BOSTON AND PROVIDENCE RAIL-road. On and after Monday, October 2d, the Trains will run as follows:

Steamboat Train-Leaves Boston at 5 p.m.-Leaves Providence, on the arrival of the train from Stonington.

Accommodation Trains—Leave Boston at 8 a.m. and 31 p.m. Leave Providence at 81 a.m. and 31

p.m. Dedham Trains—Leave Boston at 9 a.m., 12 m., 3, 6, and 10½ p.m. Leave Dedham at 7½ 10½ a.m., 1½, 4½, and 9 p.m. Stoughton Trains—Leave Boston at 1½ a.m. and 4½ p.m. Leave Stoughton at 6½ a.m. and 2½ p.m.

Stoughton 1 fains
4½ p.m. Leave Stoughton at 8½ a.m. and 2½ p.m.
Freight Trains—Leave Boston at 11 a.m. and 6
p.m. Leave Providence at 4 a.m., and 7 40 a.m.
On and after Wednesday, Nov. 1, the DEDHAM
TRAIN will run as follows: Leave Boston at 9 a.
m., 12 m., 3, 5½ and 10½ p.m. Leave Dedham at 8
10½, a.m., 1½, 4½ and 9 p.m.
WM. RAYMOND LEE, Sup't.

PHILADELPHIA, WILMINGTON & BALTIMORE RAILROAD.-1848.
WINTER ARRANGEMENT.

December 4th.-Fare \$4. Leave Philadelphia 8 a.m. and 4 p.m.
Leave Battimore 9 a.m. and 8 p.m.
Sunday—Philadelphia only at 4 p.m.
Baltimore only at 8 p.m.
Trains stop at way stations. A secrum with morning line only.

A second class car

CHARLESTON, S. C.
Through tickets Philadelphia to Charleston, \$20. Connecting lines to Charleston leave Philadelphia at 4 p.m. daily—leave Baltimore at 111 p.m. daily

PITTSBURG AND WHEELING.
Through ticket, Philadelphia to Pittsburg, \$12.

"Wheeling, 13.
All through tickets only sold at office, Philad.

wilmington accommodation.

Leaves Philadelphia at 14 and 4 p.m.

Leaves Wilmington at 8 a.m. and 4 p.m.

N.B.—Extra baggage charged for.

I. R. TRIMBLE, Gen. Supt.

Passenger Train runs daily from Charleston, on the arrival of the boats from with trains on the Georgia, and Western and Atlan tic Railroads—and by stage lines and steamers connects with the Montgomery and West Point, and the Tuscumbia Railroad in N. Alabama.

Tuscumbia Railroad in N. Alabama through from Charleston to Montgomery

GEORGIA RAILROAD. FROM AU-AND WESTERN AND ATLANTIC RAILROAD FROM AT-

the South Carolina Railroad and Western and Atlantic Railroad now forms a con tinuous line, 408 miles in length, from Charleston to Dalton (Cross Plains) in Murray county, Ga.—32 miles from Chattanooga, Tenn.

RA	TES OF PREIGHT.	Between Augusta	Between Charleston, and Dalton.
and the same		271 miles	. 408 miles.
ist class.	Boxes of Hats, Bonnets, and Furnature, per cu- bic foot.	8 0 18	s 0 28
2d class.	Boxes and Bales of Dry Goods, Sadlery, Glass, Paints, Drugs and Con-		
3d class.	fectionary, per 100 lbs. Sugar, Coffee, Liquor, Bagging, Rope, Cotton	1 00	1 50
	Yarns, Tobacco, Lea- ther, Hides, Copper, Tin, Feathers, Sheet Iron, Hollow Ware,	1	0.86
4th class.	Castings, Crockery, etc. Flour, Rice, Bacon, Pork, Beef, Fish, Lard, Tal- low, Beeswax, Bar Iron, Ginseng, Mill		0 00
70.00	Gearing, Pig Iron, and Grindstones, etc Cotton, per 100 lbs Molasses, per hogshead.	0 40 0 45 8 50	0 65 0 70 13 55 4 8
	Salt per bushel	0 18 0 65	
PAPA18	ters, Wheelbarrows	0 75	1 50

German or other emigrants, in lots of 20 or more, will be carried over the above roads at 2 cents mile.

Goods consigned to S. C. Railroad Co. will be orwarded free of commissions. Freight payable at F. C. ARMS, Sup't. of Transportation.

Augusta, Ga., July 15, 1847.

44*19

THE WESTERN AND ATLANTIC
Railroad.—This Road is now in operation to
Oothcaloga, a distance of 80 miles, and connects
daily (Sundays excepted) with the Georgia Rail

From Kingston, on this road, there is a tri-weekly line of stages, which leave on the arrival of the cars on Tuesday, Thursday and Saturday, for Warrenton, Huntsville, Decatur and Tuscumbia, Alabama, and Memphis, Tennessee.

On the same days, the stages leave Oothcaloga for Chattanooga, Jasper, Murfreesborough, Knoxville and Nashville, Tennessee.

This is the most expeditions route from the sest to

This is the most expeditions route from the east to any of these places.

CHAS. F. M. GARNETT,

Atlanta, Georgia, April 16th, 1846. Ivi

CENTRAL RAILROAD-FROM SAVANnah to Macon. Distance 190 miles.

This Road is open for the trans-

portation of Passengers and
Preight. Rates of Passage, \$8 00. Freight—
On weight goods generally... 50 cts, per hundred.
On measurement goods 13 cts. per cubic ft. on bris. wet (except molasses and oil)...

BALTIMORE AND OHIO RAILROAD.

MAIN STEM. The Train carrying the

Great Western Mail leaves Baltimore every morning at 74 and Cumberland at 8 o'clock, passing Ellicott's Mills, Frederick, Harpers Ferry, Martinsburgh and Hancock, conncting daily each way with—the Washington Trains at the Relay House seven miles from Baltimore, with the Winchester Trains at Harpers Ferry—with the Winchester Trains at Harpers Ferry—with the various railroad and steamboat lines between Baltimore and Philadelphia and with the lines of Post Conches between Cumberland and Wheeling and the fine Steamboats on the Monongahela Slack Water between Brownsville and Pittsburgh. Time of arrival at both Cumberland and Baltimore 5½ P. M. Fare between those points \$7, and 4 cents per mile for less distances. Fare through to Wheeling \$11 and time about 36 hours, to Pittsburgh \$10, and time about 38 hours. Through tickets from Philadelphia to Wheeling \$13, to Pittsburgh \$12. Extra train daily except Sundays from Baltimore to Frederick at 4 P. M., and from Frederick to Baltimore at 8 A. M. Great Western Mail leaves Bal-

washington branch 12 amight from Baltimore and at 6 A. M. and 12 amight from Baltimore and at 6 A. M. and 5 P. M. from Washington, connecting daily with the lines North, South and West, at Baltimore, Washington and the Relay house. Fare \$1 60 through between Baltimore and Washington, in either direction, 4 cents per mile for intermediate distances.

BALTIMORE AND SUSQUEHANNA Railroad.—Reduction of Fare. Morning and Afternoon Trains between Balti-

more and York.—The Passenger PARE.

Fare to York\$1 50 Way points in proportion.

PITTSBURG, GETTYSBURG AND HARRISBURG. Through tickets to Pittsburg via stage to Har-

PHILADELPHIA AND READING RAIL-ROAD.—Passenger Train Arrangement for

1848. A Passenger Train will leave Philadelphia and Pottsville daily, except Sundays at 9 o'clock A. M.

The Train from Philadelphia arrives at Reading at 12 18 M. The Train from Pottsville arrives at Reading a

10 43 A. M.

Fares. Miles. No. 1. No. 2.

Between Phila, and Pottsville, 92 \$3:50 and \$3:00

"Reading, 58 2:25 and 1:90

"Pottsville "34 1:40 and 1:20 Five minutes allowed at Reading; and three at

other way stations.

Passenger Depot in Philadelphia corner of Broad and Vine street

JAMES HERRON, Civil Engineer

OF THE UNITED STATES NAVY YARD,
PENSACOLA, FLORIDA.,
PATENTEE OF THE
HERRON RAILWAY TRACK.

MODELS of this Track, on the most improved plans, may be seen at the Engineer's of the New York and Eric Railroad.

HENRY V. POOR: M Wall S.

will run as follows, until further notice. Up trains will leave the City Hall for—Yorkville, Harlem and Morrisana at 6, 8 and 11 a.m., 2, 2 30, 5 and 7 p.m.
For Morrisiana, Fordham, Williams' Bridge, Tuckahoe, Hart's Corner and White Plains, 7 and 10 a.m., 4 and 5 30 p.m.
For White Plains, Pleasantville, Newcastle, Mechanicsville and Croton Falls, 7 a.m. and 4 p.m.
Freight train at 1 p.m.

Returning to New York, will leave—
Morrisiana and Harlem, 7, 8 20 and 9 a.m., 1,

Fordham, 8 08 and 9 15 a.m., 1 20 and 6 15 p.m.
Williams Bridge, 8 and 9 08 a.m., 1 10, 6 08 p.m.
Tuckahoe, 7 38 and 8 25 a.m., 12 55 and 5 52 p.m.
White Plains, 7 10 and 8 35 a.m., 12 50, 5 35 p.m.
Pleasantville, 8 15 a.m. and 5 15 p.m.
Mechanicsville, 7 48 a.m. and 4 48 p.m.
Croton Falls, 7 30 a.m. and 4 30 p.m. Freight train will leave 32d street for Croton Falls and intermediate places, 4 a.m and City Hall 1 p.m.
ON SUNDAYS, the trains will run as follows:
Leave City Hall for Croton Falls, 7 a.m., 4 p.m.
Croton Falls for City Hall, 7 30 a.m., 4 30 p.m.
Leave City Hall for White Plains and intermediate places, 7 and 10 a.m. 4 and 5 30 p.m.
White Plains for City Hall, 7 10 and 8 35 a.m.,
12 30 and 5 35 p.m.
Extra trains will be run to Harlem, Fordham and Williams Bridge on Sundays.

For a fraider in proportion.
For Fraider The barges "Samuel Marsh and Henry Suydam, Jr." will leave New York (from the foot of Duane St.) at 5 o'clock, P. M. daily (except Sundays.)
No freight will be received in New York after 5 o'clock, P. M.
For farther particulars, apply to J. F. CLARK-SON, Agent, corner of Duane and West Sts., New York, or to S. S. POST, Superintendent Transport attom.

H. C. SEYMOUR, Sup't.

ITTLE MIAMI RAHLROAD COMPANY
Fall and Winter Arrange Company

12 30 and 5 35 p.m.
Extra trains will be run to Harlem, Fordham and
Williams Bridge on Sunday, when the weather is

The trains to and from Croton Falls will not stop on N. York island, except at Broome st. and 32d st.

A car will preceed each train 10 minutes to take up passengers in the city.
Fate from New York to Croton Falls and Somers

\$1, to Mechanicsville 874c., to Newcastle 75c., to Pleasantville 624c. to White Plains 50c. 25tf

VORWICH AND WORCESTER RAIL-Road. Winter Arrangement.—1848.

Accommodation Trains
daily, (Sundays excepted.)
Leave Norwich, at 6 a. m., 12 m. and 21 p. m.
Leave Worcester, at 61 and 10 a. m., and 41 p. m.
connecting with the trains of the Boston and Worcester and Providence and Worcester railroads.

New York Pacton Line Pailword Stewarts

New York a Boston Line. Railroad a Steamers. Leave New York and Boston, daily, Sundays excepted, at 5 p.m.—At New York from pier No. 1 N. River.—At Boston from corner Lincoln and Beach streets, opposite United States Hotel. The steam-boat train stops only at Framingham, Worcester, Danielsonville and Norwich. Freight Trains leave Norwich and Worcester

daily, Sundays excepted.—From Worcester at 61 a. m., from Norwich at 7 a.m.

Fares are Less when paid for Tickelsthan when paid in the Cars. 132 ly

S. H. P. LEE, Ja., Sup't.

BOSTON AND MAINE RAILROAD.

Winter Arrangement. Commencing Nov. 13, 1848.

Trains leave Boston as follows, viz: For Portland at 7 A.M. and 21 P.M.

Portland at 7 A.M. and 2½ P.M.

Great Falls at 7 a.m., 2½ and 3½ p.m.

Haverhill at 7 and 11½ a.m., 2½, 3½ and 5 p.m.

Lawrence, at 7, 9, 11½ a.m., 2½, 3½, 5, 6 p.m.

Reading 7, 9 & 11½ a.m., 2½, 3½, 5, 6, 7½ & 10 p.m

Trains leave for Boston as follows, viz: From

Portland at 7½ a.m., and 3 p.m.

Great Falls at 6½ and 9½ a.m., and 4½ p.m.

Haverhill at 7, 8½ and 11 a.m., 3 and 6½ p.m.

Lawrence at 6½, 7½, 8½, 11½ a.m., 12½, 3½, 6½, p.m.

Reading at 6½, 7, 7½, 9½, 11½ a.m., 1½, 3½, 7½, 9, p.m.

MEDFORD BRANCH TRAINS,

From Medford at 64, 8, 104, a.m., 9, 4, 6, 9 p.m.
From Boston at 74, 94 a.m., 124, 24, 54, 64, 10 p.m.
The Depot in Boston is on Haymarket Square.
CHAS. MINOT, Super'4.

NEW YORK & HARLEM RAHLROAD NEW YORK ANDERIE RAILROAD LINE
CO.—Summer Arrangement.—On and after
Tuesday, June 1st, 1847, the cars

Regers, twice each way daily,

Regers, twice each way daily, gera, twice each way daily, (except Sunday,) leave New

York from the foot of Duane St. at 7 o'clock, A. M. and at 4 o'clock, P. M. by steamboat, for Piermont, thence by ears to Ramapo, Monroe, Chester, Goshen, Middletown, Otisville, and the intermediate

stations.

The return trains for New York will leave Otisville at 6 30, A. M. and 4 15, P. M.; Middletown at 7 A. M. and 4 40, P. M.; Goshen at 7 22, A. M. and 5 3, P. M.; Chester at 7 35, A. M. and 5 18, P. M. Fare between New York and Otisville, \$1 50; way-fare in proportion.

For Milk—Leave Otisville at 51 o'clock, morning and evening.

L ITTLE MIAMI RAILROAD COMPANY Fall and Winter Arrangement, 1847. On and after Monday, September 20th,

until further notice, a Passenger train will run as follows:

Leave Cincinnati daily at 9 A. M., for Miltord, Foster's Crossing, Deerfield, Morrow, Fort Ancient, Freeport, Waynesville, Spring Valley, Xania, Yellow Springs, and Springfield. Returning, will let ve Springfield at 24 a.m. Upward train arrive at Springfield at 24 p.m. Downward train arrive at Cincinnati at 104 a.m.

Freight trains will run each way dai y.

Messrs. Neil, Moore & Co. are running the fol-lowing stage lines in connection with the road:

A daily line from Xenia to Columbus and Wheel-

ing, carrying the great Eastern mail.

Daily lines from Springfield to Columbus, Zanesville and Wheeling. Also to Urbana and Bellefontaine.

A line of Hacks runs daily in connection with the train between Deerfield and Lebanon.

Passengers leaving for New York and Boston, arrive at Sandusky city via Urbana, Bellefontaine & the Mad River and Lake Eric railroad, in 27 hours,

" Xenia ... 1 50
" Xenia ... 1 50
" Springfield ... 2 00
" Columbus ... 4 00
" Sundusky city 7 00 -66 53

The Passenger trains runs in connection with Strader & Gorman's line of Mail Packets to Louisville.

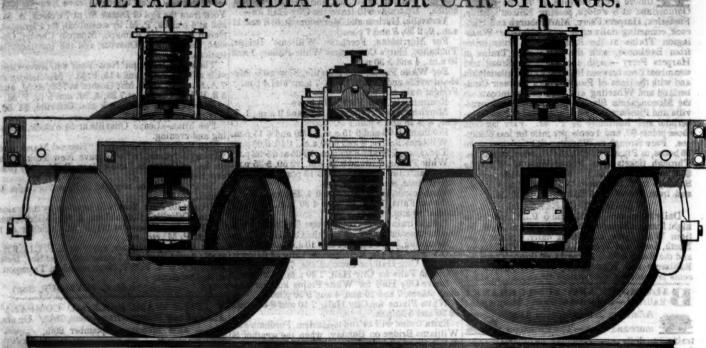
Tickets can be procured at the Broadway Hote., Dennison House, or at the Depot of the Company on East Front street.

Further information and through tickets for the Stage lines, may be procured at P. Campbell, Age to n Front street, near Broadway.

The company will not be responsible for baggage beyond 50 dollars in value, unless the same is returned to the conductor or agent, and freight pand at of a passage for every \$500 in value over that amount.

47tf W H. CLEMENT, Sup's

METALLIC INDIA RUBBER CAR SPRINGS.



against a similar use of the article, when purchased of any other parties

The Springs they sell are all manufactured in a uniform manner, and under the immediate inspection of their own Agent, and have been proved and known to answer the purpose. None have been manufactured in this country, or imported from abroad, beside tour own, which would at all answer the purpose; and if any such should be produced, it cann the used for Car Springs, while Goodwar splatents, a dither rights of the New England Car Company under them, remain in force.

The N w England Car Company are now prepared to answer orders for all that may be called for, on reasonable notice, and uniform and equitable terms. They invite the most careful examination, and the severest scratiny, into the merits of their Springs, wherever they have applied them. And if after such examination, your Company abould judge it for their interest to adopt them, the N. E. Car Company would respectfully invite the patronage which they think they deserve, and are confident of receiving at your hands.

EDWARD CRANE, Agent,

DWARD CRANE, Agent,
Office 99 State street,
Office 99 State street,
Orders may also be left with WM. RIDER &
BROTHERS, No. 58 Liberty. street, New York, or
F. M. RAY, Agent,
100 Broadway, N. Y.

The following article, from the pen of Mr. Hale, the president of the Beston and Worcester Railroad, expresses his opinion of this important improvement, as published in the Beston Daily Advertiser of June 7, 1848. He says:

He says: the numerous uses to which the wonderful class d durability of India Rubber renders this materia

THE NEW ENGLAND CAR COMPANY have introduced these Springs, and they are now in operation on every Railroud terminating in Boston, and cars. We have had occasion to observe, for some month several others in New England and the Middle States, cars. We have had occasion to observe, for some month several others in New England and the Middle States, cars. We have had occasion to observe, for some month past, its application to this use, on one of the passenger cars on the Newton special train of the Boston and ward of the cars to prings on which the car rests, but for the springs at ached to the draw but at an ohe of the cars, to prevent any anything for this purpose, is the Vulcanised India Rubber good for the application of it, and the form in which it is used, the application of it, and the form in which it is used to manu acture and sell the substance itself for the purpose of Rairread Carriage Springs, as well as the form and application of it, are held exclusively by the New think, than any other spring which we have ever seen in England Car Company, or individual, has any right to sell or use it for such purpose, or the New England Car Company guarantee the right to use the article they sell for Railroad Carriage Springs and the prince of the carries in one of the carries of the carries

The above statement of Mr. Hale agrees with my own observation in all particulars. WM. PARKER, Supt. B. & W. R. R. June 8, 1848.

I fully concur in the foregoing statement, from practical observation of its use for the last 5 months, on the Boston and Worcester railroad corporation cars.

D. N. PICKERING, Jr.,
Supt. Car Building, B. & W. R. R.
Boston, June 10, 1848.

The New England Car Company have introduced their Vulcanized India Rubber Car Springs on the roads with which we are respectizely connected, and we fully concur with Mr. Hale in the above opinion of their char-

acter and properties.
DAVENPORT & BRIDGES, Car Builders.
BRADLEY & RICE, Car Builders.
Boston, June, 1848.

PIG AND BLOOM IRON.—THE SUBSCRI.

Ders are agents for the sale of numerous brands of Charcoal and Anthracite Pig Iron, suitable for One square "50 00 Machinery, Railroad Wheels, Chains, Hollowware, etc. Also several brands of the best Puddling Iron, Juniatta Blooms suitable for Wire, Boiler Plate, Are One page per month 20 06 Iron, Shovels, etc. The attention of those engaged in the manufacture of Iron is solicited by A. WRIGHT & NEPHEW, 12tf Vine St. Wharf, Philadelphia.

BACK VOLUMES OF THE RAILROAD LETTERS and COMMUNICATIONS for JOURNAL for sale at the office No. 98 this Journal may be directed to the Editor,

THIS article now extensively used for the preservation of timber, is manufactured and for sale by POWERS & WEIGHTMAN, manufacturing Chemists, Philadelphia. Jan. 20, 1849.

AMERICAN RAILROAD JOURNAL PUBLISHED BY J. H. SCHULTZ & CO.

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(THIRD FLOOR,)

54 WALL STREET, NEW YORK CITY.

TERMS. - Five Dollars a year, in advance.

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HENRY V. POOR, 54 WALL ST.